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Surveying Application of Potential Agricultural Pollutants in the Lake Erie Basin of Ohio:

Fertilizer Use On Major Crops- 1986

THE OHIO STATE UNIVERSITY

SURVEYING APPLICATION OF POTENTIAL AGRICULTURAL POLLUTANTS IN THE LAKE ERIE BASIN OF OHIO: FERTILIZER USE ON MAJOR CROPS - 1986

Publication Prepared By:

Dr. Acie C. Waldron
Coordinator - North Central Region Pesticide Impact Assessment Program
Ohio State Liaison - Pesticide Impact Assessment Program

Ohio Cooperative Extension Service
and
Ohio Agricultural Research and Development Center
The Ohio State University

In Cooperation With

Homer C. Carter and Staff
Ohio Agricultural Statistics Service
Columbus, Ohio

and

David S. Etzkorn and Robert L. Curtner
Technical Assistants - OCES-PIAP
and
Nicholas Kormanik
Technical - OCES-PIAP

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Ralph G. Christensen - Project Leader

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Fertilizer Use Summary

Approximately 99.2% of the corn acreage, 45.1% of the soybean, 96.9% of the wheat, 84.1% of the oats, 49.8% of the hay and 57% of the reported other crop acreages of the Lake Erie Basin of Ohio were treated with fertilizer in 1986. Almost 72% of the acreage planted to major field crops in the Basin received some form(s) of fertilizer with a total of 768,976,330 pounds active ingredient applied to approximately 4,681,350 acres in 11,404,420 acre treatments. Nitrogen fertilizer accounted for 37.2% of the total poundage applied with phosphate (P_2O_5) at 23.6% and potash (K_2O) at 39.2%.

Corn acreage received 64.7% of the fertilizer applied in the Basin, followed by wheat at 14.8%, soybeans at 13.4% and lesser amounts to oats, hay and other crops. The North West and North Central Districts reported the greatest use of fertilizer in the Basin, as expected, with 42.8% and 34.4%, respectively, of the poundage, and 42.6% and 32.5%, respectively, of the acre treatments due to the predominance of corn, soybean and wheat production.

Approximately 40% of the quantity of nitrogen was applied to corn by banding, 21.1% by broadcast and 37.5% incorporated. Almost 50% of the phosphate was applied to corn by banding and 30% by incorporation. About 43.1% of the potash applied to corn was by broadcast. Percentages of application of fertilizer to other crops by the various methods are reported.

Fertilizer was applied to cropland in the Basin Area during every month of the year, but the major season was in May followed by April and June associated with the planting of corn and soybeans, as would be expected.

Data are provided on the Basin, District and County levels for formulation and method of fertilizer application and on the Basin and District levels for time of application. Reference is provided to other data that will likely be reported in subsequent publications or that may be available upon request.

INTRODUCTION

The occurrence of nitrates in surface and groundwater systems during the past several years has been of considerable concern in relation to the use of such sources for potable purposes as well as contributing to the nutrient load carried to the major river and lake systems. Nitrate residues in water systems are largely attributed to fertilizer application in agricultural crop management, although a significant percentage is the result of natural occurrence. The highest concentrations of nitrates in water systems generally occur following the spring fertilization of field crops. Although the health effects are generally considered to be minimal for most of the population, the possible flush of nitrate loading associated with high fertilizer use is of concern to health and environmental authorities and to that factor of the general population who are especially susceptible to the effects of nitrates in the body system. It is also of concern to the farmer in the loss of nutrients intended for crop production and the economic loss from applied but unused chemical. Consideration must be given not only to the immediate effects of nitrate contamination but also to the long term, chronic effects. The wise and safe use of agricultural chemicals in the future could require the implementation of Best Management Practices related to cropping and to land characteristics and environmental conditions in the various areas of agricultural production.

Pollutant loadings to the Great Lakes from agricultural runoff are of both national and international concern. Phosphorus from farm fields has been shown to be a major component contributing to the eutrophication of significant portions of Lake Erie. Conservation tillage systems (particularly no-till) have been recommended as the most cost-effective means of reducing the agricultural phosphorus load and could likewise affect the transport of nitrates. However, the effects of such systems on the potential for nitrate contamination of groundwater systems has not been adequately evaluated. Application techniques and the relation of solubility of farm chemicals in water versus the adherence to soil particles must be given due consideration in any evaluation.

A pilot study project was initiated, with funding provided by a contract from the Great Lakes National Program Office of the Environmental Protection Agency located in Chicago, Illinois with the Federal Extension Service and pass through to the Ohio Cooperative Extension Service, to accumulate and provide access to a data base regarding agricultural pesticide and fertilizer usage in all Ohio counties in the Lake Erie drainage basin as affected by cropping practices, locations, tillage systems and land drainage characteristics. The specific objectives were: (1) to develop efficient methods and obtain current information on the application of pesticides and fertilizers, as affected by cropping, location and tillage systems and the subsequent potential for pollution from such agricultural practices, (2) to develop a flexible data-base on the use of agricultural chemicals which can be accessed by remote users and can be integrated with other relevant data-bases relating to cropping patterns, land use and topography, soil classification, soil-water relationships, watershed and stream drainage, hydrological and meteorological records, etc. and (3) to serve as a model for development of an expanded data-base which will encompass the multi-state Great Lakes Basin. The system is to provide that information can be sorted and retrieved in any logical combination relationship of agricultural chemical cropping practices, tillage systems, drainage characteristics, etc., desired. Thus, the accumulation and interpretation of the data can serve as a model in predicting and evaluating agricultural contribution to the pollution of aqueous drainage in the Lake Erie Basin.

The expansion of the program to other states in the Great Lakes Basin will require that appropriate contacts be made and established guidelines be followed. The incorporation and relationships to other data-bases will require cooperation with research scientists at The Ohio State University and universities in other states, State Soil Conservation Services, State Departments of Natural Resources, State Departments of Health, U.S. Geological Survey, the National Weather Service in conjunction with the Purdue University Weather Network and the Ohio State University College of Agriculture weather reporting system, and US-EPA data bases in surface water, groundwater and well water monitoring in specific areas associated with drainage basins of the Great Lakes.

The publication of data collected and analyzed from this survey project will be included in three or more bulletins and/or papers because of the magnitude and the complexity of the information collected and the several ways in which it can be reported. This bulletin will report the use of fertilizers on major crops in the Lake Erie Basin of Ohio with data calculated at the basin, district and county levels. Bulletin 787/Special Circular 120 (OCES/OARDC provides information on pesticide use. Other publications will provide information on agricultural chemical use in relation to tillage practices, topography, time and method of application, soil and drainage characteristics, etc. Additional bulletins will be published relative to agricultural chemical use in the Ohio River Basin and the entire State of Ohio as was provided for in the expansion of the project. Manipulation of the data on the computer makes it possible to report information in a variety of ways with several parameter relationships.

As a means of clarity, much of the introduction and procedures and some data tables found in Bulletin 787/Special Circular 120 are repeated in this publication. However, in cases of data tables that are rather extensive reference only to the previous publication is provided.

PROCEDURES

As indicated in Bulletin 787/Special Circular 120, data on the 1986 pesticide and fertilizer use, cropping systems, tillage practices, and land drainage systems was obtained via a direct mail survey to individual farmers conducted by the principal investigator and Ohio Pesticide Impact Assessment Program (PIAP) staff of the Ohio Cooperative Extension Service (OCES) in conjunction with assistance from staff members of the Ohio Agricultural Statistics Service (OASS). A survey questionnaire was developed through the joint efforts of the principal investigator's office, OASS personnel and the review by the EPA Great Lakes National Program Office to insure it would conform to Office of Management and Budget requirements for quality assurance and federal guidelines. It was pretested by OASS from a selection of 105 farmers in each of 5 counties who were contacted either by (1) mailed questionnaire only, (2) mailed questionnaire with follow-up post card reminder, (3) mailed questionnaire with instructions to recipient to hold for a telephone interview, (4) telephone contact to recipients with no previous information or knowledge of the survey and (5) personal interview with the recipient with no previous knowledge of the survey. After the pretest, some items in the questionnaire were modified in conformance with evaluated difficulties experienced by respondents. The survey sample population consisting of approximately 6000 farmers was obtained from the existing mailing lists of the OASS in relation to counties in the Ohio sector of the Lake Erie Basin. Zip Code mailing addresses were used in selecting the sample as a means for determining the proximity of the reported sites to location

points established by other agencies for obtaining drainage and meteorological data, but no attempt was made to identify any questionnaire respondent to the particular zip code site. It was determined that responses from 40-50 farmers in each county would be necessary in order to obtain the desired statistical assessment. The sample population provided by OASS included about 1 of every 3 farmers in each of the 28 counties that were considered in the Lake Erie Basin and 1 of every 4 farmers in the 5 counties where less than 40% of the area drainage was to Lake Erie (the same ratio used in surveying the remainder of the state, the Ohio River Basin, in a simultaneous project).

Survey questionnaires (see Appendix 1) were mailed to 5418 farmers in the 33 county area on September 23-30, 1986, requesting information on the 1986 crops. A second mailing to all those who didn't respond was made during the period of October 20 to November 21, 1986. In order to obtain the desired 20-25% response from the farmer sample population with usable data, telephone enumeration was initiated in January 1987, with selected non-respondents and those whose returned survey was incomplete on the basis of a 25% response from each zip code. When telephone contacts were unsuccessful, additional names were selected from that zip code listing. The collection of reliable survey data was designed to assure the complete anonymity of the respondents. The compromise between desirability for locale oriented analyses and anonymity was best achieved by accumulating data on a county rather than a small watershed basis, yet zip code identification provided some pinpointing of locale to drainage systems. The maintaining of farmer trust in the confidentiality of information will continue the rapport of the farmer to the OASS, the OCES and the pesticide use survey programs. It will also lend toward pinpointing watershed specification for future analyses, if problem areas are encountered.

Data on fertilizer use on 1986 crops were edited by personnel of the PIAP office and entered into the computer program of the OASS that was developed for former pesticide use surveys on major crops in Ohio, but modified to accommodate the request for fertilizer, soil classification, drainage characteristics, slope and well water information at the county and zip code levels. OASS provided a tape of all the raw data from the computer entry and also a hard copy of the data in a similar form to that of previous surveys. The tape was loaded onto the main frame computer system of The Ohio State University (OSU) for storage, from which it was downloaded to a dedicated micro computer located in the PIAP office. The data base, with d-Base III Plus and Clipper Compiler Extensions for data management, was organized to provide information on type and analysis of chemical formulation, rate of application, crop tillage systems, location, acreage, land and water characteristics, method and time of application, etc. The computer program was designed to include the following features: (1) Storage of the data accumulated from the pesticide/fertilizer use survey and other data bases that may be applicable, organized so that it will be sortable and/or retrievable by any single or combination of the factors involved and read directly into data array matrix, (2) Data array matrix to be read directly into EPA multimedia environmental transport-fate models for model parameter initialization, (3) System user-friendly and interactive with communications facilities provided to enable access by remote users, (4) Compatible with SAS statistical package, and (5) Capability for graphics, including storage and retrieval of digitized maps of the various areal units of the Great Lakes Basin, with overlay and expanded and contracted focus features.

RESULTS AND DISCUSSION

General

Due to changes in federal regulations on confidentiality of information collected, OASS was not able to provide the same extent of services for this survey as that of the past. They were able to provide the mailing list, help prepare the mailing, provide some trained telephone enumerators, review the edit of the survey returns and provide computer analysis of the data similar to past surveys. But the responsibility for conducting the survey, collecting and editing the data, organizing the information and preparing all reports reverted back to the principal investigator and PIAP staff. Some delays in data entry and analysis, due to change in personnel at OASS and agency programs of higher priority, resulted in considerable delay in project progress during the Spring and Summer months of 1987 and a consequent postponement of the report. However, the delays did provide additional time for the PIAP personnel to develop more comprehensive programs for handling the data that was first computerized on the OASS system. Some delays were also attributed to the expansion of the program to include the remainder of the State in a companion project sponsored through the OCES-PIAP.

Mail response to the pre-test did not result in the 20-25% response as expected, probably due to the time of the year (late June and early July during a busy farming period). But enough data was collected to provide a synopsis on the proposed survey and the survey questionnaire. Response rates for the 5 methods of data collection indicated in the Procedures Section were: (1) 4%, (2) 8%, (3) 20-25%, (4) 20-25%, and (5) 50-65%. It was evident that an exclusively mail survey may not satisfy the information needs of the study and other methods of data collection may also be required. It was also noted that questions regarding soil classification, slope and erosion were difficult to answer, that more space was needed for recording data and additional details in the instructions were advisable. Consequently, revisions were made in the questionnaire and professionally printed copies were prepared through the facilities of the OCES Office of Information. (See Appendix 1). It was felt that a large mailing coverage with correspondence and telephone follow-up could provide a satisfactory sampling of Ohio farmers.

An Ohio map showing the counties in each OASS crop reporting district and the division of the state regarding Lake Erie/Ohio River drainage with the Lake Erie Basin overlayed as to major river drainage areas is included as Figure 1 in Appendix 1. The five counties included in this report, but having approximately from 60-90% of the land drainage in the Ohio River Basin are Ashland, Marion, Richland, Portage and Trumbull. Hardin, Medina, Mercer and Summit Counties have from 40-50% of the drainage area in the Ohio River Basin. Auglaize, Ashtabula and Crawford Counties have approximately 10-20% of the drainage area in the Ohio River Basin. Because in most cases the lowest denominator in cropland statistics currently available is by county in the OASS districts, the total data for each of the 33 counties that contribute to the Lake Erie Basin drainage are included in this report. District data reflect only the acreages and uses for those counties that contributed to that drainage; i.e. District 5 data are for totals reported from Marion County only; District 4 for totals reported from Mercer, Auglaize and Hardin Counties only; District 2 for all counties including Crawford, Richland and Ashland; and District 3 for all data from Medina, Summit, Portage, Trumbull and Ashtabula Counties in addition to all counties wholly within the Lake Erie Basin. Further analysis of zip code

data with county map overlays could determine how much of the data collected in the survey for the 12 counties that contribute to both drainage basins is applicable to the Lake Erie Basin, but data on crop acreages, etc., in those zip codes are not available at present. Consequently, the extrapolation of pesticide and fertilizer use for separate drainage areas in those counties is not currently feasible. The location of zip code areas can be made by referring to the Zip Code Directory for town/city name as per Post Office and to the Ohio map for location of town/city. Zip Code overlay maps are available from some sources on computer programs or hard copy, but are currently quite expensive. Lake Erie Basin counties located in the OASS Districts are: District 1: Williams, Fulton, Lucas, Wood, Henry, Defiance, Paulding, Putnam, Hancock, Allen and Van Wert; District 2: Ottawa, Sandusky, Erie, Lorain, Huron, Seneca, Wyandot, Crawford, Richland and Ashland; District 3: Cuyahoga, Lake, Ashtabula, Trumbull, Geauga, Portage, Summit and Medina; District 4: Mercer, Auglaize and Hardin; and District 5: Marion. (Figure 1).

Usable fertilizer data was obtained from 1347 of the 5837 farmers contacted in 338 zip codes by either mail or telephone communication for a total of 23.7% of the sampling. The overall response to the survey, positive and negative, exceeded 34% of the sample population and revealed a significant change in the farmer population in some areas since the last OASS update of their mailing lists. Of the contacts made, approximately 5.6% refused to provide information, 5.1% were no longer engaged in farming, 0.2% did not use chemicals, 0.6% had moved and had no current forwarding address and 0.5% were reported as deceased. A summarization of the response by county, district and basin of the Lake Erie Basin of Ohio in relation to the major crop(s) listing is reported in Table 1 of Appendix 1. The data reported by zip code are found in Table 1, Appendix 2 of Bulletin 787/Special Circular 120 relative to farmer response in the Lake Erie Basin of Ohio and is not repeated in this bulletin. Although in some cases the number of reports and/or acreage of crops reported for a zip code may appear insignificant, the totals for county and district provide a good representation for evaluating the data collected. Agricultural statistical data extracted from the 1986 OASS Report is found in Table 2 in Appendix 1 with estimates given of the number of farms, the farm acreages and the crop acreages by county reported to the nearest 100 acres and in Table 3 for the weighted crop acreages corrected for the Lake Erie Basin.

Statistical estimates tabulated for each major crop related to the basin, district and county as determined by computer calculation of the data compiled in this survey are located in the data tables of Appendices 2-9. The heading for each table indicates the acreage of the crop and the factor (percentage of the crop reported in the survey) used in calculating county, district and basin totals. In the body of the table, listings are given for the form of fertilizer applied for each nutrient, the method of application, and the month of application for each crop. The first line of data indicates the acre treatments of the crop with the specific fertilizer ingredient or form of nutrient and the second line provides the calculation of the total pounds of that nutrient or form of nutrient applied to the crop. The definition "acre treatments" is the sum of all acreage treated counting any additional application to the same acreage as new acres; i.e. three applications to the same 100 acres would be 300 acre treatments. The designation of LBS/ACRE indicates the average rate of application per acre treatment, i.e. divide the pounds applied by the line on crop acres above it. The term ACRE TRTD/CNTY-DIST-STATE indicates the average number of times each acre of the crop was fertilized and is derived by dividing the acre treatments for each crop by the acres planted indicated in the table

heading. The last term LBS/ACRE/CNTY-DIST-STATE provides the average rate of application of fertilizer ingredient or form of nutrient to the planted crop derived by dividing the pounds of fertilizer ingredient by the planted acreage of the crop. The last column of the tables provides totals for the crop summing nitrogen, phosphorus and potassium fertilizer as if applied to separate acreage, but indicating the average number of times each planted crop acreage received some form of each nutrient and the average total pounds of all fertilizer ingredients applied per planted crop acre.

Calculations of acres and percent of crop treated in the basin, in each district and in each county requires the use of weights (WTS) for the particular entity involved. As indicated earlier, all counties in Districts 1 and 2 are included, whereas in Districts 3, 4, and 5 only the WTS for those counties designated are considered. The WTS plus the percentage of crop treated with the particular fertilizer provides the factor used in calculating the extrapolated totals from the raw survey data. Some discrepancies will be noted between the acreage totals reported in the data tables and those listed in the OASS report. Also some differences are apparent between the totals for acreages and quantities of fertilizer chemical applied as reported in the tables for the basin and the summation of totals for the districts. Likewise, differences will be noted between the totals reported for the districts and summation of data from the counties in the district. These apparent discrepancies are due to slight differences in the factors used in computer calculations based on the extent of available data at each level of reporting. As the area covered in the report increases from county to district to basin with an increase in the amount of data contributing to the calculation, the WTS and hence the factor for extrapolation changes. The extrapolation is more accurate with the increase in the quantity of data for chemical(s) applied to the particular crop(s). Thus overall, the composite data totals for the basin are considered the most accurate because they are based on a larger data base. However, in the evaluation of agricultural chemical use at the district or county level, the extrapolation must consider the factors that pertain to the data collected from that entity. Thus the totals reported herein for those areas are valid even though the summation of county totals for chemical and crop may not add up exactly to that of the district or the districts to the total for the basin. One objective of the program was to provide usage information at the smallest locality possible. Currently, that is at the county level, although raw data and the percent of crop acreages reported relative to fertilization practices can be provided at the zip code level. Extrapolation of quantity of fertilizer use at the zip code level is not currently possible because the planted crop acreages, and hence WTS, are not available. The problem of variation in extrapolated values between the basin, district and county levels may be more pronounced for crops such as hay, oats, etc., where the reporting base is much less than for corn and soybeans. In this report the factors calculated by the computer from survey data is used in extrapolations rather than that from the OASS.

Crop and Soil Management Practices

Summarization of the data from page 1 of the survey questionnaire for acreage of planted crops treated with agricultural chemicals and methods of land management on a county by county basis within the crop reporting districts of the Lake Erie Basin of Ohio is provided in Tables 5-16 of Appendix 3 of Bulletin 787/Special Circular 120 with designation of the district, the county, the acres of crop planted, the percent of crop acreage in the county planted to that crop, the percent of total crop acreage reported by survey respondents, the acres of

crop treated for the various farm management activities, the percent of crop acreage treated for the various category of pest management and the acreage and percent treated with fertilizer. Tables 11-16 of that publication reports acreage of corn, soybean, wheat and oat crops farmed by the different tillage methods. Code numbers are designated for county and district.

Approximately 99.2% of the 1,547,284 acres of corn in the 33 counties of the Lake Erie drainage basin of Ohio was fertilized, 45.1% of the 2,007,096 acres of soybeans, 96.9% of the 608,083 acres of wheat, 84.1% of the 90,186 acres of oats, 49.8% of the 401,475 acres of hay and 57% of the 27,226 reported acres of other crops. Approximately 71.7% of the 4,581,239 acres of major field crop land received fertilizer application. Fertilizer application to most minor crops, pasture and other farm land was undetermined, although calculations for tomatoes, sweet corn, potatoes and sugar beets indicated approximately 57.0% of the acreage was fertilized.

Based on survey data provided, it is estimated that 14.9% of the field corn, 4.7% of the soybean, 3.6% of the wheat and 0.9% of the oat acreages in the 33 counties of the Lake Erie Basin are farmed by no-tillage practices. Minimum tillage accounts for 29.6%, 23.9%, 33.6% and 25.4%, respectively, of those crop acreages. Conventional tillage is still the predominant practice with 55.4%, 71.1%, 61.7% and 72.5%, respectively, of those crop acreages, but the management practices of no-tillage and minimum tillage (see definitions on the survey form - Appendix 1) is increasing annually. Tables 11-16 of Bulletin 787/Special Circular 120 provide tillage data for the four crops reported on a county by county and district summary basis. Calculations on percent of acreage must consider the adjustments for WTS relative to those districts that were not exclusively in the Lake Erie Basin drainage.

Quantity and Formulation of Fertilizer Use

Approximately 768,976,330 pounds of fertilizer active ingredient were applied to 4,681,350 acres in 11,404,420 acre treatments of crop land in the Lake Erie Basin of Ohio (Table 4, Appendix 2). Of this amount 64.7% (497,423,296 lbs.) was applied to corn, 13.4% (102,787,841 lbs.) to soybeans, 14.8% (113,479,120 lbs.) to wheat, 1.4% (10,613,145 lbs.) to oats, 5.0% (38,166,175 lbs.) to hay and 0.8% (6,506,193 lbs.) to other crops. Of the total poundage of fertilizer applied nitrogen accounted for 37.2%, phosphorus (phosphate-P_2O_5) for 23.6% and potassium (potash-K_2O) for 39.2%. Approximately 31.5% of the nitrogen was applied in solid, 27.8% in liquid and 39.3% in gaseous formulation. For phosphate, in excess of 84.8% was applied in solid formulation with 13.7% in liquid and 0.5% reported in gaseous form. However, the indication of phosphate fertilizer applied in gaseous form is likely in error because if the farmer reported anhydrous ammonia as the form of nitrogen application and also applied some phosphate by other means at the same time but didn't designate the formulation, the computer reported the same as gaseous. This also is the case with potash where in excess of 93.9% was reported as solid formulation, 4.2% as liquid and 0.6% as gaseous.

Table 4 also provides the Lake Erie Basin of Ohio data on the application of fertilizer relative to crops. Indications are that 47.6% of the nitrogen fertilizer for corn was applied as anhydrous ammonia but only to 25.1% of the acre treatments and on 48.5% of the planted acreage (anhydrous only applied to acreage one time during season). Nitrogen in solid formulation was applied to 42.1% of the acre treatments but consisted of only 23.4% of the total poundage

applied. On the average, each acre of corn received 1.9 applications of nitrogen for an average of 151.3 pounds per planted acre. The solid formulations of phosphate and potash fertilizers were predominate for application on corn with excess of 79.3% and 93.2%, respectively. Average rates per planted acre were 69.1 and 101.1 pounds, respectively. Potash accounted for 70.6% of the poundage of fertilizer applied to soybeans with phosphate accounting for another 25%, but less than 50% of the acreage was treated with any one fertilizer ingredient. Of the fertilizer applied to wheat 36.2% of the quantity was nitrogen, 29.5% phosphate and 34.3% potash. The quantity of phosphate and potash applied to oats was about equal accounting for 36.6% and 37.4%, respectively, of the total fertilizer. Potash was the predominant fertilizer applied to hay accounting for 69.3% of the total. Solid formulations of fertilizer were the choice for these crops, except that 28.3% of the nitrogen applied to soybeans and 32.3% of that applied to wheat was in liquid form.

The application of fertilizer to crops related to the crop reporting district is reported in Tables 5-9, Appendix 2 with the roll-up of district data for the Lake Erie Basin in Table 10. As to be expected, the majority of fertilizer use in the Basin was in the North West and North Central Districts where 42.8 and 34.4% of the poundage and 42.6 and 32.5% of the acre treatments, respectively, occurred because of predominance of corn, soybeans and wheat in those districts. Fertilizer use for oats was fairly equally distributed between the three north districts, whereas the North Central District followed by the North East, the West Central and North West showed significant fertilizer use on hay, particularly for potash. However, it should be noted that the data for the Central District constitutes only that of Marion County. Specific fertilizer use related to crops in the districts can be found by perusing the data in the tables. The apparent discrepancies in the totals reported in Table 10 with that of Table 4 were explained earlier in this report.

Fertilizer use calculated at the county level in the basin area is reported in Tables 11-43, Appendix 3 with the roll up of county data reported in Table 44. Those counties with the highest acreage of corn and wheat naturally reported the highest usage of fertilizer. It would probably be expected that nitrogen would account for the greatest quantity of fertilizer use but in 23 counties the poundage of potash applied to the field crops exceeded that of nitrogen and in 2 other counties was almost equal to the nitrogen poundage. The tabulation of all county data indicated that potash use of 296,771,733 pounds exceeded the nitrogen use of 283,315,725 pounds with phosphates a distant third at 180,941,290 pounds (Table 44). Comparison of the totals given in Table 44 with Table 10 and Table 4 would indicate discrepancy in the tabulation of data, but the difference between the largest spread in quantity of potash used reported is only 1.5% and less than 1.0% for total fertilizer use (Table 4 and 44). Differences in nitrogen totals are about 1.0% and phosphate about 0.3% in comparing the totals in Tables 4 and 44. As explained earlier the differences are attributed to the factor used in extrapolating data at the county, district or basin level and the summation of the county or district extrapolations to a basin total. The larger the base for computer calculation the probable greater accuracy of extrapolation.

Rates of fertilizer application varied some relative to county of use as did also the form of application. Comparisons of the counties can be made by the reader by perusal of the data as desired.

Method of Fertilizer Application

Fertilizer use relative to the method of application for the major field crops in the basin area is reported in Table 45, Appendix 4. Approximately 40% of the nitrogen is applied to 46.1% of the corn acre treatments by banding with 21.1% of the poundage applied to 20.5% of the acre treatments by broadcast and 37.5% of the poundage on 32.6% of the acre treatments by incorporation. Phosphate application indicated 49.1% of the poundage applied to 50.1% of the acre treatments by banding, 20.4% to 19.7% by broadcast and 30.0% to 29.2% by incorporation. Potash application to corn was 20.5% of the poundage to 37.8% of the acre treatments by banding, 43.1% to 30.7% by broadcast and 35.1% to 30.6% by incorporation. For soybeans 47.1% of the nitrogen poundage, 36.1% of the phosphate and 51.7% of the potash was applied on 39.4%, 35.3% and 43.8%, respectively, of the acre treatments by broadcast. Incorporation was the most common method of application for phosphate with 43.8% of the quantity applied to 40.8% of the soybean acre treatments, whereas 37.3% of the potash poundage was applied to 37.6% of the acre treatments by that method. The predominant method of nitrogen application to wheat was broadcast, whereas phosphate and potash had 49.4% and 46.3% application by broadcast and 47.6% and 51.0% by incorporation, respectively. Over 53% of all fertilizer ingredients applied to oats was by incorporation while broadcast application to hay accounted for over 88 to 92% of the quantities applied.

The data for each district in the basin relative to application methods is found in Tables 46-50, Appendix 4 with the roll up of totals in Table 51. Because the North West and the North Central Districts make the largest contributions to the Basin data the quantities of fertilizers applied to the crop acreages more closely follow that of the Basin. However, in the other districts the percentages applied by the different methods vary somewhat except for hay.

Data on methods of fertilizer application for the counties in the North West District are reported in Tables 52-62, Appendix 5, in Tables 63-72 for the North Central District, in Tables 73-80 for the North East District, in Tables 81-83 for the West Central District portion of the Lake Erie Basin and in Table 84 for Marion County in the Central District. Basin totals from the summation of county data are found in Table 85.

Time Periods for Fertilizer Application

Fertilizer was applied to cropland in the Lake Erie Basin of Ohio during every month of the year in 1986. The only exceptions were that soybean acreage was not fertilized in August; wheat in July, August and December; oats in January, February, July, August and December; hay in January and other crops in January and December (Table 86, Appendix 6). However, the time of fertilizer application to the major field crops varied somewhat between the districts. Approximately 45.3% of the fertilizer used for corn was applied in May to 52.5% of the acreage, with 30.9% in April to 30.5%, 10.9% in June to 7.2%, 4.1% in November to 3.1% and 3.9% in October to 3.1% of the acreage. Over 58% of the fertilizer used for soybeans was applied to 68.1% of the acreage in May with 13.0% to 6.9% in April, 9.6% to 12.8% in June and 7.1% to 4.4% of the acreage in November. October, September, March and April were the months for the most application of fertilizer to wheat with 57.8% of the total poundage in October, 15.1% in September, 14.6% in March and 7.8% in April. Almost 69% of the fertilizer used for oats was applied in April and 53% of that for hay in June

(Table 86). The data for application of fertilizer in each district relative to month of application are found in Tables 87-91.

Tables 92-98, Appendix 7 provide the data for time of application of nitrogen in each district of the Lake Erie Basin of Ohio, Tables 99-105, Appendix 8 for phosphate and Tables 106-112, Appendix 9 for potash. There were some differences in time of application of some fertilizers due to different weather and cropping conditions between the east and the west/central part of the basin. Likewise the data for the counties followed the same general trend as the districts although there were some noticeable differences due to cropping practices in the county. Tables on county data for time of application are not included in this publication, but are available upon request for readers who desire specific details and comparisons. Data collected in the survey and stored in the computer are also specific by the week of the month for fertilizer application. Thus, correlation between the timing of fertilizer application to rainfall and weather conditions collected from other data sources is possible at the zip code, county, district and basin levels of reporting.

Survey Data Relationships in Supplemental Reports

As indicated in Bulletin 787/Special Circular 120 the computer management of the data collected via the survey questionnaire provides for several different possibilities of agricultural chemical use relationships. These possibilities exist for fertilizer as well as pesticide use. The reader is referred to that publication as reference to the different possibilities for organizing and reporting specific data on fertilizer use and environmental relationships.

APPENDIX 1

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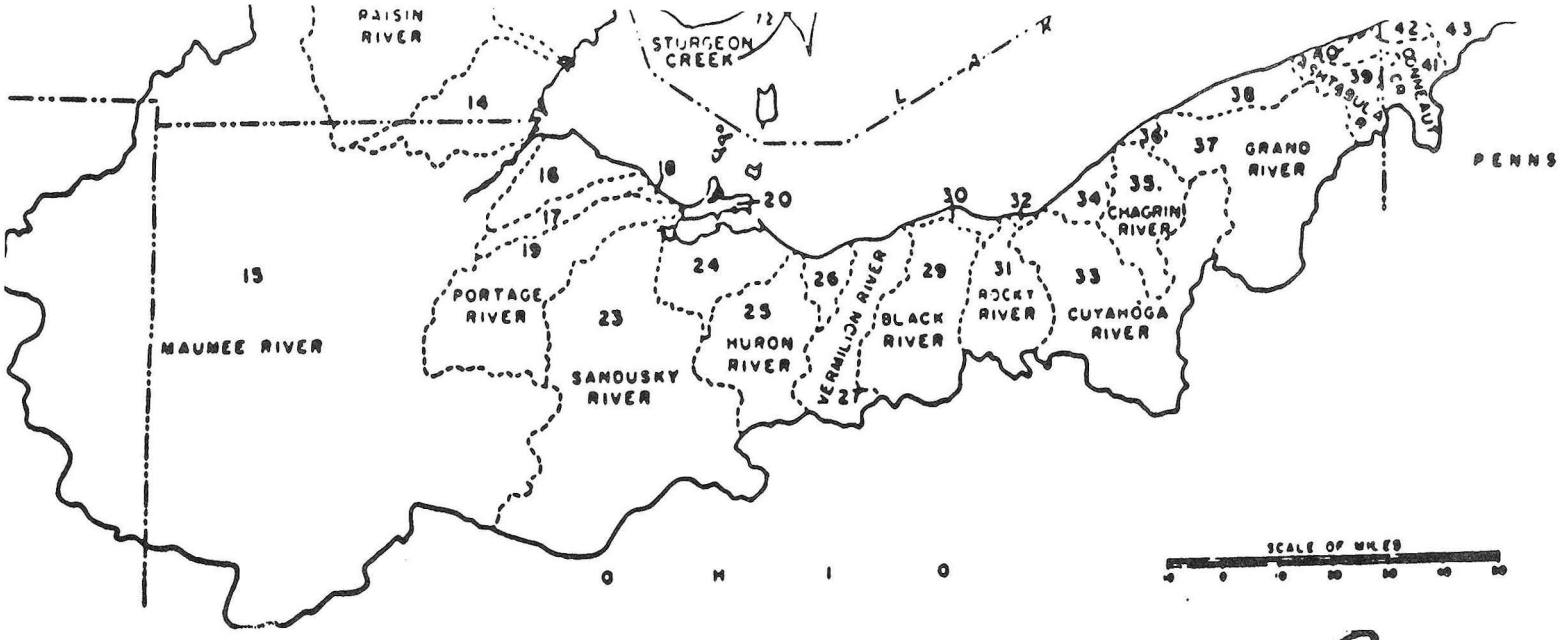

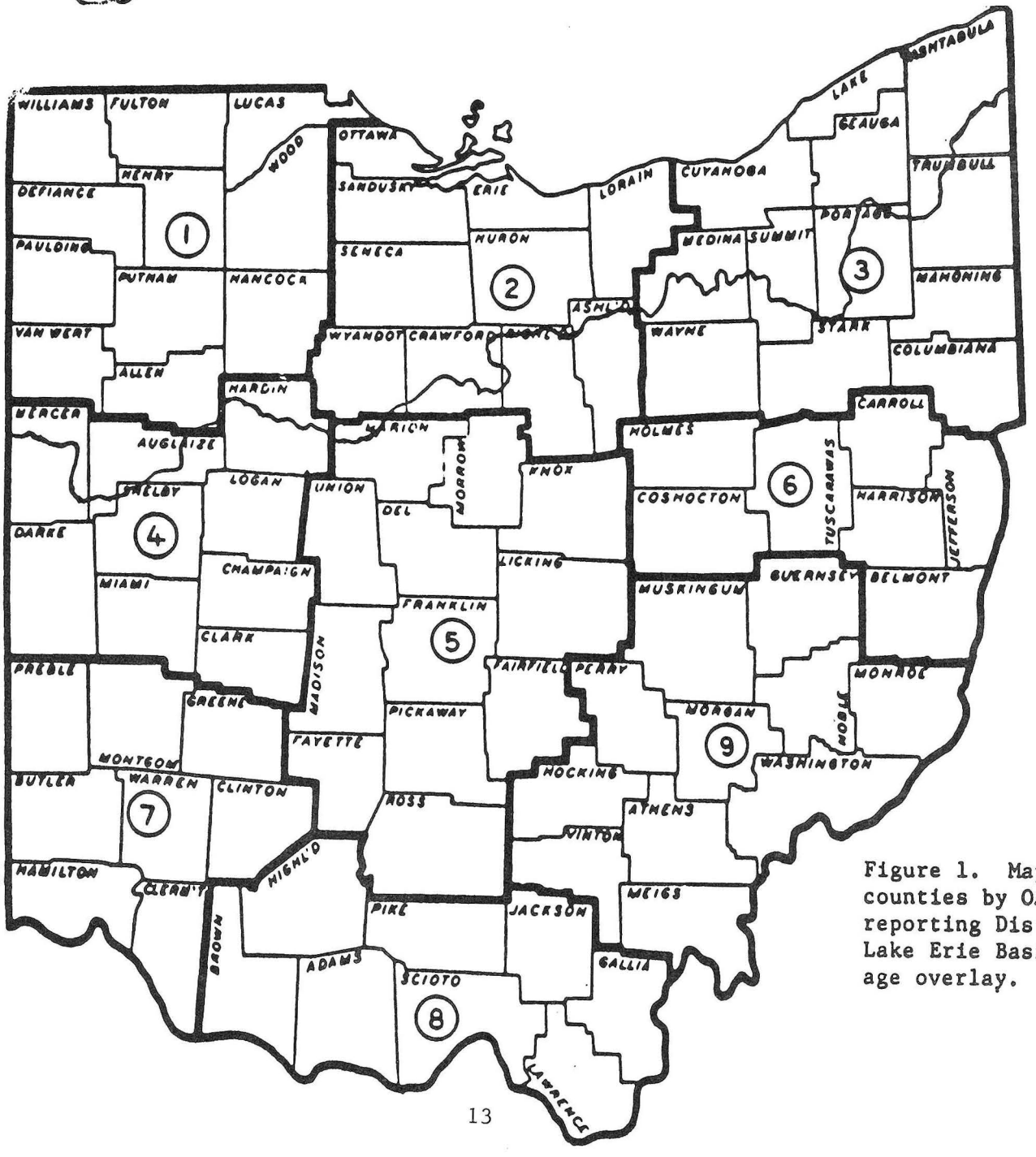

Figure 1. Map of Ohio counties by OASS crop reporting District and Lake Erie Basin drainage overlay.

1986 Ohio Pesticide and Fertilizer Use Survey

Ohio Cooperative Extension Service
The Ohio State University

Dear Reporter:

The use of pesticides and fertilizers is of major importance in modern agriculture and it is essential that materials which are necessary for most effective crop production continue to be available when and where needed. This can be done only by providing information in defense of their use. This survey will help provide such answers by indicating which pesticides and fertilizers are used; on what crops; and in what quantities as well as procedures of application. The survey will also provide information on land characteristics, cropping practices and drainage that will assist Extension and Research Specialists in formulating management practices to help avert the problems from potential surface and ground water contamination.

A similar survey was conducted in 1982 and was highly successful. The 1986 survey will identify any major changes since that earlier survey.

Your cooperation by preparing answers to the following questionnaire is essential for measuring the importance of pesticides and fertilizers to agriculture in Ohio. Your reply is kept confidential and used only to obtain area, State, or regional totals.

Please return your completed questionnaire in provided envelope.

Ted L. Jones, Assistant Director, Agricultural Industry

Acie C. Waldron, Coordinator, Pesticide Impact Assessment Program

Report for the Farm you Operate (Include land rented from others)

1986 Crop	Total acres planted (For harvest in 1986)	How Many Acres were Treated[1]: Weed control (Herbicides)	Insect/ Nematode control (Insecticides)	Disease control (fungicides)	Other control (defolients; desiccants, regulators, rodents, etc.)	Acres receiving fertilizer
Field corn	101	102	103	104	105	106
Soybeans	111	112	113	114	115	116
Wheat	121	122	123	124	125	126
Oats	131	132	133	134	135	136
Hay	141	142	143	144	145	146
Pasture	171	172	173	174	175	176
Other Crops (specify)	181	182	183	184	185	186
Total acres of all land not reported above	191					
Total Acres Operated	199					

Exclude seed already treated when purchased.

What Method of Land Preparation was used for the following Crops?

Crop Planted (For harvest in 1986)	No-till acres	Minimum or reduced till acres	Conventional till acres
Field corn	201	202	203
Soybeans	211	212	213
Wheat	221	222	223
Oats	231	232	233

DEFINITIONS

No-till—no breaking of soil except where seed is planted.

Minimum or reduced till—breaking of soil with NO turning of soil.

Conventional till—turning of soil.

PESTICIDE AND FERTILIZER USAGE

Please report the pesticides used on each crop listed and grown by you for harvest in 1986. The following instructions apply:

a) Please refer to the enclosed list for reason of application.
b) If more than one rate of application was used for a chemical, report each rate on a separate line.
c) If some acreage received more treatments than others, report additional applications on a separate line.
d) If two or more chemicals were applied in combination during one application, report each chemical on a separate line.

Table A: Pesticides Used on Each Crop

Pesticide used in 1986 (List chemical or common name.)			Concentration or formulation	Quantity of undiluted product used per acre Each application: Wetable powder	Granular	Liquid	Other		Acres treated	Date applied: Month	Week (Circle one)	Number of applications	Applicator: Self	Commercial	Method of application Type of coverage: Aerial: Plane	Heli-copter	Ground: Broadcast Incorp.	Broadcast not inc.	Band	In furrow with seed	Spot	Irrigation	Specify target (Use codes on enclosed sheet to identify major reason for pesticide usage. Use maximum of 2 codes per chemical)		
List				Lbs.	Lbs.	Qts.	Spec.		Acres		1 2 3 4	No.	(✓)		(✓)		(✓)						List codes		
1	2		3	4	5	6	7	8	9		1 2 3 4	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Example-Aatrex			80%	1.5					50	April	1 2 3 4	1	✓				✓						103, 106		
01	CORN-Herbicides							(1)	(2)		(3)	(4)	(5)					(6)						(7)	(8)
											1 2 3 4														
											1 2 3 4														
											1 2 3 4														
											1 2 3 4														
											1 2 3 4														
01	CORN-Insecticides							(1)	(2)		(3)	(4)	(5)					(6)						(7)	(8)
											1 2 3 4														
											1 2 3 4														
											1 2 3 4														
01	CORN-Other chemicals											(4)	(5)					(6)						(7)	(8)
											1 2 3 4														
											1 2 3 4														

												1 2 3 4														
02	SOYBEANS–Herbicides							(1)	(2)		(3)		(4)	(5)				(6)							(7)	(8)
												1 2 3 4														
												1 2 3 4														
												1 2 3 4														
												1 2 3 4														
												1 2 3 4														
02	SOYBEANS–Insecticides and Other Chemicals												(4)	(5)				(6)							(7)	(8)
												1 2 3 4														
												1 2 3 4														
03	WHEAT–Insecticides, herbicides and other chemicals							(1)	(2)		(3)		(4)	(5)				(6)							(7)	(8)
												1 2 3 4														
												1 2 3 4														
04	OATS–Insecticides, herbicides and other chemicals												(4)	(5)				(6)							(7)	(8)
												1 2 3 4														
												1 2 3 4														
05	HAY–Insecticides, herbicides and other chemicals												(4)	(5)				(6)							(7)	(8)
												1 2 3 4														
												1 2 3 4														
												1 2 3 4														
06	PASTURE–Insecticides, herbicides and other chemicals							(1)	(2)		(3)		(4)	(5)				(6)							(7)	(8)
												1 2 3 4														
												1 2 3 4														
												1 2 3 4														
07	OTHER CROPS–Insecticides, herbicides and other chemicals							(1)	(2)		(3)		(4)	(5)				(6)							(7)	(8)
												1 2 3 4														
												1 2 3 4														
												1 2 3 4														

Use the following tables to record fertilizer usage on your total 1986 crop acreage (Include 1985 fall applications for 1986 crops)

Table B: Fertilizer Applications that Include Carrier Materials

Crop	Code	Acres covered	Total Pounds Applied	Analysis: Nitrogen N	Analysis: Phosphate P_2O_5	Analysis: Potash K_2O	Form: 1. Solid 2. Liquid 3. Gas	Method applied: 1. Band 2. Broadcast 3. Incorporated	Date applied: Month	Date applied: Week
		301	302	303	304	305	306	307	308	
				— Percent —			(Circle one) 1 2 3	(Circle one) 1 2 3		(Circle one) 1 2 3 4
							1 2 3	1 2 3		1 2 3 4
							1 2 3	1 2 3		1 2 3 4
							1 2 3	1 2 3		1 2 3 4
							1 2 3	1 2 3		1 2 3 4
							1 2 3	1 2 3		1 2 3 4
							1 2 3	1 2 3		1 2 3 4
							1 2 3	1 2 3		1 2 3 4
							1 2 3	1 2 3		1 2 3 4

Table C: Fertilizer Applications that were Pounds of Actual Nutrients (exclude carrier materials)

Crop	Code	Acres covered	Actual nutrients applied: Nitrogen N	Actual nutrients applied: Phosphate P_2O_5	Actual nutrients applied: Potash K_2O	Form: 1. Solid 2. Liquid 3. Gas	Method applied: 1. Band 2. Broadcast 3. Incorporated	Date applied: Month	Date applied: Week
		301	303	304	305	306	307	308	
			— Lbs per acre —			(Circle one) 1 2 3	(Circle one) 1 2 3		(Circle one) 1 2 3 4
						1 2 3	1 2 3		1 2 3 4
						1 2 3	1 2 3		1 2 3 4
						1 2 3	1 2 3		1 2 3 4
						1 2 3	1 2 3		1 2 3 4
						1 2 3	1 2 3		1 2 3 4
						1 2 3	1 2 3		1 2 3 4

Answers to the questions below are needed to relate drainage and soil characteristics to fertilizer and pesticide use on the land you operate. You may contact your local Soil Conservation Service office or County Extension Agent for assistance in this section if necessary. Please provide your best estimate.

What percent of the total land you operate in 1986 was in each of the categories:

Current Drainage Characteristics[1]

Surface drainage that is adequate [411] ____%

Surface drainage not adequate [412] ____%

Total land operated..... 100 %

Subsurface drainage that is adequate [421] ____%

Subsurface drainage that is not adequate [422] ____%

Total land operated..... 100 %

[1] Consider effect of natural and improved drainage.

Erosion Class

Slight—(more than 7.5" of topsoil) [431] ____%

Moderate—(2.5 to 7.5" of topsoil) [432] ____%

Severe-(less than 2.5" of topsoil) [433] ____%

Total land operated..... 100 %

Slope

0-2% [441] ____%

2-6% [442] ____%

6-12% [443] ____%

12 or more percent [444] ____%

Total land operated..... 100 %

Office Use Only			
Crop	N	P_2O_5	K_2O
Corn	311	312	313
Soybeans	321	322	323
Wheat	331	332	333
Oats	341	342	343
Hay	351	352	353
Pasture	361	362	363
Other	371	372	373

Major Soils and Textural Classification on Land Operated

Major Soil (If known)	Textural Class (See chart at right)	Code	Percent of Total
Example Crosby	Loamy	403	20%
1.			
2.			
3.			
4.			
5.			
6. Other(s)			
	Total Land operated		100%

Soil Texture Classes	Code
Sandy .... more than 70% sand but less than 15% clay	401
Clayey .... more than 40% clay or 35-40% clay and less than 45% sand	402
Loamy .... all other textures	403
Muck .... more than 20% organic matter	404

Are there any drinking water wells for human or animal use in or near the pesticide application area? Yes ☐ No ☐ [451]

(TABLE 1) *** SUMARIZATION OF FARMER RESPONSE TO THE SURVEY QUESTIONAIRE FOR THE LAKE ERIE BASIN *** Page: 1

TOTAL ** COUNT ** OF ALL FARMS THAT RAISE A GRAIN OR HAY CROP

COUNTY NAME	CNTY CODE	DIST CODE	CORN TOTAL RPTS	SOYBEAN TOTAL RPTS	WHEAT TOTAL RPTS	OATS TOTAL RPTS	HAY TOTAL RPTS	PASTURE TOTAL RPTS	OTHR CP TOTAL RPTS	NOT FARM TOTAL RPTS	FARM TOTAL RPTS	SRVYS SENT	PERCENT SRVYS RETURNED
ALLEN	3	10	37	44	36	9	13	8	6	34	46	249	18.5
DEFIANCE	39	10	28	40	35	13	11	8	3	35	43	226	19.0
FULTON	51	10	38	39	25	3	14	5	5	32	42	189	22.2
HANCOCK	63	10	44	57	49	6	10	6	8	39	58	217	26.7
HENRY	69	10	55	55	46	8	17	6	9	39	56	194	28.9
LUCAS	95	10	8	13	6	3	3	0	2	7	15	48	31.3
PAULDING	125	10	26	33	27	7	11	5	2	28	34	154	22.1
PUTNAM	137	10	53	63	44	11	23	11	7	42	64	299	21.4
VAN WERT	161	10	38	40	34	10	11	8	7	30	42	139	30.2
WILLIAMS	171	10	43	45	43	10	21	9	2	38	50	234	21.4
WOOD	173	10	46	47	37	9	16	3	12	40	53	213	24.9
TOTAL IN DISTRICT NORTH WEST		10	416	476	382	89	150	69	63	364	503	2,162	23.3
ASHLAND	5	20	36	14	23	18	27	22	6	34	41	192	21.4
CRAWFORD	33	20	31	35	30	9	14	11	3	30	36	193	18.7
'RIE	43	20	23	20	14	8	12	10	7	19	26	96	27.1
HURON	77	20	44	49	36	9	20	9	6	34	52	307	16.9
LORAIN	93	20	38	47	29	11	34	16	12	34	59	212	27.8
OTTAWA	123	20	19	26	21	4	14	4	5	18	29	115	25.2
RICHLAND	139	20	43	33	32	25	36	29	10	43	56	276	20.3
SANDUSKY	143	20	47	50	35	10	18	15	12	38	52	208	25.0
SENECA	147	20	62	66	50	15	26	13	6	56	69	360	19.2
WYANDOT	175	20	29	28	29	8	12	9	1	21	31	140	22.1
TOTAL IN DISTRICT NORTH CENTRAL		20	372	368	299	117	213	138	68	327	451	2,099	21.5
ASHTABULA	7	30	37	10	17	25	55	45	11	52	65	138	47.1
CUYAHOGA	35	30	1	0	1	0	3	4	1	4	4	23	17.4
GEAUGA	55	30	13	0	5	9	17	12	4	16	23	75	30.7
LAKE	85	30	5	0	1	5	6	4	1	4	8	18	44.4
MEDINA	103	30	29	20	16	16	25	15	3	32	37	159	23.3
PORTAGE	133	30	24	9	13	13	25	11	3	23	31	115	27.0
SUMMIT	153	30	6	3	4	5	6	5	2	7	9	49	18.4
TRUMBULL	155	30	28	14	12	20	29	22	10	27	37	139	26.6
TOTAL IN DISTRICT NORTH EAST		30	143	56	69	93	166	118	35	165	214	716	29.9

(TABLE 1) *** SUMARIZATION OF FARMER RESPONSE TO THE SURVEY QUESTIONAIRE FOR THE LAKE ERIE BASIN *** Page: 2

TOTAL ** COUNT ** OF ALL FARMS THAT RAISE A GRAIN OR HAY CROP

COUNTY NAME	CNTY CODE	DIST CODE	CORN TOTAL RPTS	SOYBEAN TOTAL RPTS	WHEAT TOTAL RPTS	OATS TOTAL RPTS	HAY TOTAL RPTS	PASTURE TOTAL RPTS	OTHR CP TOTAL RPTS	NOT FARM TOTAL RPTS	FARM TOTAL RPTS	SRVYS SENT	PERCENT SRVYS RETURNED
AUGLAIZE	11	40	37	41	39	12	21	9	7	33	45	198	22.7
HARDIN	65	40	37	37	33	10	18	14	2	33	39	197	19.8
MERCER	107	40	67	64	62	26	45	15	7	56	75	335	22.4
TOTAL IN DISTRICT WEST CENTRAL		40	141	142	134	48	84	38	16	122	159	730	21.8
MARION	101	50	20	20	15	8	9	8	0	16	20	130	15.4
TOTAL IN DISTRICT CENTRAL		50	20	20	15	8	9	8	0	16	20	130	15.4

TOTAL FOR THE LAKE ERIE BASIN

(TABLE 2) *** SUMARIZATION OF FARMER RESPONSE TO THE SURVEY QUESTIONAIRE FOR THE LAKE ERIE BASIN ***

TOTAL ** COUNT ** OF ALL FARMS THAT RAISE A GRAIN OR HAY CROP

	CORN TOTAL RPTS	SOYBEAN TOTAL RPTS	WHEAT TOTAL RPTS	OATS TOTAL RPTS	HAY TOTAL RPTS	PASTURE TOTAL RPTS	OTHR CP TOTAL RPTS	NOT FARM TOTAL RPTS	FARM TOTAL RPTS	SRVYS SENT	PERCENT SRVYS RETURNED
*** TOTAL SUM & COUNT ***	1,092	1,062	899	355	622	371	182	994	1,347	5,837	23.1

Table 2. Estimate of Number of Farms, Farm Acreage and Acreage of Major Crops in Counties of the Lake Erie Basin of Ohio - 1986. a/

County	No. of Farms (1000)	Acreage (1000)	Crop Acreage: Corn	Soybeans	Wheat	Oats	Hay	Tomatoes	Sugar Beets
Allen	1,150	201	53,800	73,400	21,600	2,100	7,200	c/	-
Ashland	1,150	194	48,400	20,600	9,800	5,000	34,500	-	-
Ashtabula	1,340	191	21,800	11,700	3,200	6,000	39,600	-	
Auglaize	1,230	225	58,100	73,200	23,900	2,800	15,700	-	-
Crawford	980	228	62,000	82,800	27,000	1,900	9,500	-	-
Cuyahoga	190	7	*	*	*	*	1,400	-	-
Defiance	1,030	216	31,100	73,300	23,600	4,200	8,800	250	-
Erie	520	100	32,300	27,700	7,600	1,100	5,700	c/	480
Fulton	1,250	227	89,000	76,300	13,500	*	5,900	1,030	-
Geauga	620	77	10,600	*	*	3,700	17,200	-	-
Hancock	1,270	295	70,800	114,700	44,300	1,200	7,900	c/	680
Hardin	1,180	271	77,400	96,100	33,500	1,600	7,900	-	d/
Henry	1,250	244	66,600	89,200	29,600	1.800	7,600	1,110	d/
Huron	1,060	249	60,700	83,800	20,300	4,310	9,700	c/	260
Lake	280	18	*	*	*	*	3,900	-	-
Lorain	1,050	148	27,900	48,300	8,900	2,400	14,800		
Lucas	560	88	26,300	34,700	5,000	*	2,100	200	250
Marion	830	225	69,100	91,400	27,500	1,200	6,200	-	-
Medina	1,230	132	27,400	20,700	6,300	3,500	23,200	-	-
Mercer	1,580	280	69,000	86,700	28,700	4,600	23,800	c/	-
Ottawa	640	122	21,000	59,800	10,600	1,100	8,800	720	1,200
Paulding	770	229	49,600	93,600	24,000	4,200	6,600	-	
Portage	980	117	26,100	10,600	5,900	3,100	17,000	-	-
Putnam	1,540	290	62,700	114,500	41,200	2,900	12,900	2,590	1,560
Richland	1,140	191	45,400	33,900	13,300	5,000	21,900	-	-
Sandusky	1,050	215	64,000	86,600	15,400	1,200	7,000	2,770	6,700
Seneca	1,500	310	74,200	117,200	30,000	4,500	14,300	990	2,800
Summit	320	20	3,900	1,600	1,100	1,000	4,500	-	-
Trumbull	1,090	122	17,700	12,900	3,100	3,500	22,500	-	-
Van Wert	950	252	72,300	97,700	28,400	2,500	4,100	-	-
Williams	1,050	218	51,200	64,700	23,300	2,300	12,500	640	-
Wood	1,480	320	95,700	114,400	45,500	3,100	7,400	2,120	1,010
Wyandot	810	233	55,200	89,800	34,100	1,500	8,800	-	-
Other*		2,600	1,700	1,300		2,300b/		2,380c/	60d/
	33,070	6,255	1,544,300	2,003,600	611,500	85,610	400,900	14,800	15,000

*Counties with less than 1000 acres are not published. Also counties with more than 1000 acres are not published if necessary to preserve confidentiality of counties with less than 1000 acres.

a/ Extracted from 1986 Ohio Agricultural Statistics and Ohio Department of Agriculture Annual Report, pp 14-29.

b/ 1,700 acres were attributed to Fulton and Lucas counties in District 1 and 600 acres to Cuyahoga and Lake counties in District 3.

c/ Includes acreage from Adams, Allen, Clinton, Erie, Fayette, Greene, Hancock, Huron, Madison, Mercer, Miami and Pickaway counties.

d/ Includes Hardin and Henry counties.

Table 3. Acreage Weights Corrected for Lake Erie Basin Drainage Counties in Ohio

District or County	Crop Reported[a/]				
	Corn	Soybeans	Wheat	Oats	Hay
#1	690,000	995,000	329,400	49,900	83,000
#2	510,000	665,000	192,300	43,700	135,000
#3					
Ashtabula	21,800	11,700	3,2006,000	39,600	
Cuyahoga	2,600[a/]	1,700[a/]	1,300[a/]	600[a/]	1,400
Geauga	10,600	a/	a/	3,700	17,200
Lake	a/	a/	a/	a/	3,900
Medina	27,400	20,700	6,300	3,500	23,200
Portage	26,100	10,600	5,900	3,100	17,000
Summit	3,900	1,600	1,100	1,000	4,500
Trumbull	17,700	12,900	3,100	3,500	22,500
	110,100	59,200	20,900	21,400	129,300
#4					
Auglaize	58,100	73,200	23,900	2,800	15,700
Hardin	77,400	96,100	33,500	1,600	7,900
Mercer	69,000	86,700	28,700	4,600	23,800
	204,500	256,000	86,100	9,000	47,400
#5					
Marion	69,100	91,400	27,500	1,200	6,200
Total	1,583,700	2,016,600	656,200	125,200	183,118

a/ The discrepancy between the totals in this Table with those in Table 3 may be partially due to the weighted acreage value in Districts (Tables) as representative of planted acreages used for Districts 1 and 2 and the values for Lake Erie Basin counties in Districts 3, 4 and 5 as harvested acreages indicated in Table 3.

APPENDIX 2

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(TABLE 4) SUMMATION OF ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND FORM OF APPLICATION USED IN THE LAKE ERIE BASIN OF OHIO

LAKE ERIE DRAINAGE BASIN OF OHIO - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR BASIN FROM SURVEY ACRES AND RATES

	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********	1,547,284	7.4	2,007,096	7.3	608,083	7.2	90,186	7.0	401,475	5.9	27,226	32.3	4,681,349

** FORM APP **	NITROGEN	P2O5	K2O	N SOLID	N LIQUID	N GAS	P SOLID	P LIQUID	P GAS	K SOLID	K LIQUID	K GAS	TOTAL CROP
ACRES CORN	2,986,122	1,745,514	1,867,149	1,258,473	952,378	750,230	1,275,676	428,770	20,149	1,555,243	270,432	20,149	6,598,784
LBS	234,093,336	106,929,491	156,400,469	54,687,272	64,592,737	111,435,554	84,750,606	20,326,838	965,712	145,752,665	7,133,260	885,930	497,423,296
LBS/ACRE	78	61	84	44	68	149	66	47	48	94	26	44	75
ACRE TRTD/STATE	1.9	1.1	1.2	0.8	0.6	0.5	0.8	0.3	0.0	1.0	0.2	0.0	4.3
LBS/ACRE STATE	151.3	69.1	101.1	35.3	41.7	72.0	54.8	13.1	0.6	94.2	4.6	0.6	321.5
ACRES SOYBEANS	331,411	653,452	925,178	200,986	125,329	0	515,178	132,411	0	785,027	126,151	7,534	1,910,041
LBS	4,487,970	25,735,490	72,564,381	3,160,570	1,270,592	0	22,242,644	3,262,490	0	66,556,350	4,416,250	904,110	102,787,841
LBS/ACRE	14	39	78	16	10	0	43	25	0	85	35	120	54
ACRE TRTD/STATE	0.2	0.3	0.5	0.1	0.1	0.0	0.3	0.1	0.0	0.4	0.1	0.0	1.0
LBS/ACRE STATE	2.2	12.8	36.2	1.6	0.6	0.0	11.1	1.6	0.0	33.2	2.2	0.5	51.2
ACRES WHEAT	928,597	575,847	578,347	679,153	228,306	9,792	547,750	18,042	0	552,097	16,194	0	2,082,792
LBS	41,053,638	33,556,882	38,868,600	26,745,030	13,245,763	814,375	32,236,222	845,188	0	37,753,867	643,927	0	113,479,120
LBS/ACRE	44	58	67	39	58	83	59	47	0	68	40	0	55
ACRE TRTD/STATE	1.5	0.9	1.0	1.1	0.4	0.0	0.9	0.0	0.0	0.9	0.0	0.0	3.4
LBS/ACRE STATE	67.5	55.2	63.9	44.0	21.8	1.3	53.0	1.4	0.0	62.1	1.1	0.0	186.6
ACRES OATS	76,500	75,114	75,071	73,943	2,557	0	74,129	986	0	74,086	986	0	226,686
LBS	2,759,674	3,883,393	3,970,079	2,663,889	95,786	0	3,860,850	22,543	0	3,949,850	20,229	0	10,613,145
LBS/ACRE	36	52	53	36	38	0	52	23	0	53	21	0	47
ACRE TRTD/STATE	0.8	0.8	0.8	0.8	0.0	0.0	0.8	0.0	0.0	0.8	0.0	0.0	2.5
LBS/ACRE STATE	30.6	43.1	44.0	29.5	1.1	0.0	42.8	0.2	0.0	43.8	0.2	0.0	117.7
ACRES HAY	83,136	196,441	239,237	72,542	10,593	0	183,746	12,627	0	226,542	12,627	0	518,814
LBS	1,951,078	9,752,193	26,463,464	1,861,485	89,593	0	9,558,406	192,295	0	26,016,424	433,617	0	38,166,735
LBS/ACRE	24	50	111	26	9	0	52	15	0	115	34	0	74
ACRE TRTD/STATE	0.2	0.5	0.6	0.2	0.0	0.0	0.5	0.0	0.0	0.6	0.0	0.0	1.3
LBS/ACRE STATE	4.9	24.3	65.9	4.6	0.2	0.0	23.8	0.5	0.0	64.8	1.1	0.0	95.1
ACRES OTHER CP	27,325	19,266	20,711	17,267	6,839	2,028	14,399	3,675	0	18,175	1,421	0	67,302
LBS	1,746,922	1,582,656	3,176,615	1,021,067	357,609	277,626	1,240,935	226,706	0	3,090,077	20,779	0	6,506,193
LBS/ACRE	64	82	153	59	52	137	86	62	0	170	15	0	97
ACRE TRTD/STATE	1.0	0.7	0.8	0.6	0.3	0.1	0.5	0.1	0.0	0.7	0.1	0.0	2.5
LBS/ACRE STATE	64.2	58.1	116.7	37.5	13.1	10.2	45.6	8.3	0.0	113.5	0.8	0.0	239.0
ACRES CROPS	4,433,091	3,265,634	3,705,693	2,302,364	1,326,002	762,049	2,610,878	596,511	20,149	3,211,171	427,811	27,683	11,404,418
LBS	286,092,618	181,440,105	301,443,606	90,139,312	79,652,079	112,527,556	153,889,663	24,876,059	965,712	283,119,232	12,668,061	1,790,040	768,976,329
LBS/ACRE	65	56	81	39	60	148	59	42	48	88	30	65	67
ACRE TRTD/STATE	0.9	0.7	0.8	0.5	0.3	0.2	0.6	0.1	0.0	0.7	0.1	0.0	2.4
LBS/ACRE STATE	61.1	38.8	64.4	19.3	17.0	24.0	32.9	5.3	0.2	60.5	2.7	0.4	164.3

(TABLE 5) FERTILIZER ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF MATERIAL BY THE FORM APPLIED IN THE NORTH WEST DISTRICT OF OHIO - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR DISTRICT FROM SURVEY ACRES AND RATES

DISTRICT NAME	DIST	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
NORTH WEST	10	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********		666,513	7.6	944,128	7.8	301,077	7.8	25,833	6.0	82,540	5.0	11,429	30.3	2,031,521

** FORM APP **	NITROGEN	P2O5	K2O	N SOLID	N LIQUID	N GAS	P SOLID	P LIQUID	P GAS	K SOLID	K LIQUID	K GAS	TOTAL CROP
ACRES CORN	1,291,303	759,290	816,184	523,645	384,132	376,500	551,790	189,092	15,408	677,145	120,632	15,408	2,866,776
LBS	104,089,783	45,824,500	67,749,393	19,413,309	26,166,828	57,816,014	35,630,532	9,230,788	804,496	62,825,362	4,104,665	613,314	217,663,676
LBS/ACRE	81	60	83	37	68	154	65	49	52	93	34	40	76
ACRE TRTD/DIST	1.9	1.1	1.2	0.8	0.6	0.6	0.8	0.3	0.0	1.0	0.2	0.0	4.3
LBS/ACRE DIST	156.2	68.8	101.6	29.1	39.3	86.7	53.5	13.8	1.2	94.3	6.2	0.9	326.6
ACRES SOYBEANS	143,654	262,590	371,282	71,949	67,769	0	185,551	72,385	0	289,628	69,949	7,051	777,526
LBS	1,600,678	9,908,087	28,580,540	852,436	710,011	0	7,981,611	1,758,514	0	24,314,579	2,906,986	846,154	40,089,304
LBS/ACRE	11	38	77	12	11	0	43	24	0	84	42	120	52
ACRE TRTD/DIST	0.2	0.3	0.4	0.1	0.1	0.0	0.2	0.1	0.0	0.3	0.1	0.0	0.8
LBS/ACRE DIST	1.7	10.5	30.3	0.9	0.8	0.0	8.5	1.9	0.0	25.8	3.1	0.9	42.5
ACRES WHEAT	479,615	278,641	280,295	338,180	124,692	7,910	263,077	7,923	0	266,436	6,218	0	1,038,551
LBS	21,722,469	16,777,757	19,590,964	13,574,020	7,263,437	693,577	15,960,391	430,930	0	18,896,005	312,830	0	58,091,190
LBS/ACRE	45	60	70	40	58	88	61	54	0	71	50	0	56
ACRE TRTD/DIST	1.6	0.9	0.9	1.1	0.4	0.0	0.9	0.0	0.0	0.9	0.0	0.0	3.4
LBS/ACRE DIST	72.1	55.7	65.1	45.1	24.1	2.3	53.0	1.4	0.0	62.8	1.0	0.0	192.9
ACRES OATS	21,417	20,167	20,333	19,350	2,067	0	19,350	817	0	19,517	817	0	61,917
LBS	828,717	920,385	958,902	755,133	73,583	0	897,952	22,433	0	937,302	21,600	0	2,708,003
LBS/ACRE	39	46	47	39	36	0	46	28	0	48	26	0	44
ACRE TRTD/DIST	0.8	0.8	0.8	0.7	0.1	0.0	0.7	0.0	0.0	0.8	0.0	0.0	2.4
LBS/ACRED DIST	32.1	35.6	37.1	29.2	2.8	0.0	34.8	0.9	0.0	36.3	0.8	0.0	104.8
ACRES HAY	12,680	29,820	38,020	8,780	3,900	0	23,520	6,300	0	31,720	6,300	0	80,520
LBS	213,240	1,195,548	4,080,148	182,040	31,200	0	1,131,020	64,528	0	3,970,620	109,528	0	5,488,936
LBS/ACRE	17	40	107	21	8	0	48	10	0	125	17	0	68
ACRE TRTD/DIST	0.2	0.4	0.5	0.1	0.0	0.0	0.3	0.1	0.0	0.4	0.1	0.0	1.0
LBS/ACRE /DIST	2.6	14.5	49.4	2.2	0.4	0.0	13.7	0.8	0.0	48.1	1.3	0.0	66.5
ACRES OTHER CP	10,541	7,824	7,814	5,531	2,634	1,106	4,679	1,875	0	5,979	647	0	26,179
LBS	647,442	527,263	1,010,655	301,756	51,005	198,080	358,065	46,591	0	931,597	8,959	0	2,185,361
LBS/ACRE	61	67	129	55	19	179	77	25	0	156	14	0	84
ACRE TRTD/DIST	0.9	0.7	0.7	0.5	0.2	0.1	0.4	0.2	0.0	0.5	0.1	0.0	2.3
LBS/ACRE DIST	56.6	46.1	88.4	26.4	4.5	17.3	31.3	4.1	0.0	81.5	0.8	0.0	191.2
ACRES CROPS	1,959,210	1,358,331	1,533,928	967,434	585,193	385,516	1,047,966	278,391	15,408	1,290,424	204,562	22,459	4,851,469
LBS	129,102,328	75,153,540	121,970,601	35,078,695	34,296,065	58,707,671	61,959,571	11,553,785	804,496	111,875,466	7,464,568	1,459,468	326,226,470
LBS/ACRE	66	55	80	36	59	152	59	42	52	87	37	65	67
ACRE TRTD/DIST	1.0	0.7	0.8	0.5	0.3	0.2	0.5	0.1	0.0	0.6	0.1	0.0	2.4
LBS/ACRE DIST	63.5	37.0	60.0	17.3	16.9	28.9	30.5	5.7	0.4	55.1	3.7	0.7	160.6

(TABLE 6) FERTILIZER ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF MATERIAL BY THE FORM APPLIED IN THE NORTH CENTRAL DISTRICT OF OHIO - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR DISTRICT FROM SURVEY ACRES AND RATES

DISTRICT NAME	DIST	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
NORTH CENTRAL	20	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********		490,405	8.4	650,897	7.8	177,583	7.2	28,128	7.8	135,862	5.8	15,832	23.8	1,498,707

** FORM APP **	NITROGEN	P2O5	K2O	N SOLID	N LIQUID	N GAS	P SOLID	P LIQUID	P GAS	K SOLID	K LIQUID	K GAS	TOTAL CROP
ACRES CORN	967,595	535,333	585,071	386,607	343,381	229,191	382,024	142,595	952	491,357	82,643	952	2,088,000
LBS	76,975,629	34,396,622	54,469,905	19,314,098	22,811,743	33,543,083	27,006,836	7,181,586	30,476	51,176,541	1,958,394	15,238	165,842,156
LBS/ACRE	80	64	93	50	66	146	71	50	32	104	24	16	79
ACRE TRTD/DIST	2.0	1.1	1.2	0.8	0.7	0.5	0.8	0.3	0.0	1.0	0.2	0.0	4.3
LBS/ACRE DIST	157.0	70.1	111.1	39.4	46.5	68.4	55.1	14.6	0.1	104.4	4.0	0.0	338.2
ACRES SOYBEANS	100,590	241,180	350,949	64,808	34,949	0	203,731	36,615	0	315,718	34,397	0	692,718
LBS	1,484,069	9,528,039	29,245,151	1,152,732	316,402	0	8,639,286	841,124	0	28,394,031	788,043	0	40,257,259
LBS/ACRE	15	40	83	18	9	0	42	23	0	90	23	0	58
ACRE TRTD/DIST	0.2	0.4	0.5	0.1	0.1	0.0	0.3	0.1	0.0	0.5	0.1	0.0	1.1
LBS/ACRE DIST	2.3	14.6	44.9	1.8	0.5	0.0	13.3	1.3	0.0	43.6	1.2	0.0	61.8
ACRES WHEAT	267,736	179,319	179,556	201,361	63,931	667	172,222	5,319	0	172,458	5,319	0	626,611
LBS	11,395,007	10,333,313	11,953,451	7,542,187	3,758,181	53,556	10,037,896	238,583	0	11,696,785	199,833	0	33,681,771
LBS/ACRE	43	58	67	38	59	80	58	45	0	68	38	0	54
ACRE TRTD/DIST	1.5	1.0	1.0	1.1	0.4	0.0	1.0	0.0	0.0	1.0	0.0	0.0	3.5
LBS/ACRE DIST	64.2	58.2	67.3	42.5	21.2	0.3	56.5	1.3	0.0	65.9	1.1	0.0	189.7
ACRES OATS	20,744	20,910	20,744	20,539	205	0	20,705	205	0	20,539	205	0	62,397
LBS	844,173	1,105,173	1,145,378	842,737	1,436	0	1,102,301	2,872	0	1,143,942	1,436	0	3,094,724
LBS/ACRE	41	53	55	41	7	0	53	14	0	56	7	0	50
ACRE TRTD/DIST	0.7	0.7	0.7	0.7	0.0	0.0	0.7	0.0	0.0	0.7	0.0	0.0	2.2
LBS/ACRED DIST	30.0	39.3	40.7	30.0	0.1	0.0	39.2	0.1	0.0	40.7	0.1	0.0	110.0
ACRES HAY	33,379	73,293	82,776	27,741	5,638	0	67,655	5,638	0	77,138	5,638	0	189,448
LBS	829,862	4,049,896	9,366,207	782,414	47,448	0	3,962,155	87,741	0	9,169,535	196,672	0	14,245,966
LBS/ACRE	25	55	113	28	8	0	59	16	0	119	35	0	75
ACRE TRTD/DIST	0.2	0.5	0.6	0.2	0.0	0.0	0.5	0.0	0.0	0.6	0.0	0.0	1.4
LBS/ACRE /DIST	6.1	29.8	68.9	5.8	0.3	0.0	29.2	0.6	0.0	67.5	1.4	0.0	104.9
ACRES OTHER CP	19,245	11,999	14,257	12,825	5,454	966	10,154	1,845	0	13,614	643	0	45,501
LBS	1,190,278	1,073,675	2,604,224	697,769	415,682	76,828	842,974	230,701	0	2,594,203	10,021	0	4,868,177
LBS/ACRE	62	90	183	54	76	80	83	125	0	191	16	0	107
ACRE TRTD/DIST	1.2	0.8	0.9	0.8	0.3	0.1	0.6	0.1	0.0	0.9	0.0	0.0	2.9
LBS/ACRE DIST	75.2	67.8	164.5	44.1	26.3	4.9	53.2	14.6	0.0	163.9	0.6	0.0	307.5
ACRES CROPS	1,409,289	1,062,034	1,233,352	713,881	453,557	230,824	856,491	192,218	952	1,090,824	128,846	952	3,704,676
LBS	92,719,019	60,486,718	108,784,316	30,331,937	27,350,891	33,673,467	51,591,448	8,582,608	30,476	104,175,037	3,154,400	15,238	261,990,053
LBS/ACRE	66	57	88	43	60	146	60	45	32	96	25	16	71
ACRE TRTD/DIST	0.9	0.7	0.8	0.5	0.3	0.2	0.6	0.1	0.0	0.7	0.1	0.0	2.5
LBS/ACRE DIST	61.9	40.4	72.6	20.2	18.2	22.5	34.4	5.7	0.0	69.5	2.1	0.0	174.8

(TABLE 7) FERTILIZER ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF MATERIAL BY THE FORM APPLIED IN THE NORTH EAST DISTRICT OF OHIO - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR DISTRICT FROM SURVEY ACRES AND RATES

DISTRICT NAME	DIST	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
NORTH EAST	30	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********		109,949	7.8	58,750	5.6	20,938	6.4	21,325	7.7	128,641	6.4	0	0.0	339,602

** FORM APP **	NITROGEN	P2O5	K2O	N SOLID	N LIQUID	N GAS	P SOLID	P LIQUID	P GAS	K SOLID	K LIQUID	K GAS	TOTAL CROP
ACRES CORN	185,897	119,462	128,359	128,885	25,205	30,526	106,692	10,731	756	124,974	1,346	756	433,718
LBS	13,339,953	7,522,356	9,820,168	7,345,401	1,624,885	4,311,975	6,954,433	385,462	36,308	9,537,514	15,577	36,308	30,682,477
LBS/ACRE	72	63	77	57	65	141	65	36	48	76	12	48	71
ACRE TRTD/DIST	1.7	1.1	1.2	1.2	0.2	0.3	1.0	0.1	0.0	1.1	0.0	0.0	3.9
LBS/ACRE DIST	121.3	68.4	89.3	66.8	14.8	39.2	63.3	3.5	0.3	86.7	0.1	0.3	279.1
ACRES SOYBEANS	26,929	37,696	45,732	25,250	1,679	0	34,500	3,196	0	43,429	1,518	0	110,357
LBS	583,263	1,946,286	3,672,518	556,763	26,500	0	1,785,857	160,429	0	3,499,304	78,929	0	6,202,067
LBS/ACRE	22	52	80	22	16	0	52	50	0	81	52	0	56
ACRE TRTD/DIST	0.5	0.6	0.8	0.4	0.0	0.0	0.6	0.1	0.0	0.7	0.0	0.0	1.9
LBS/ACRE DIST	9.9	33.1	62.5	9.5	0.5	0.0	30.4	2.7	0.0	59.6	1.3	0.0	105.6
ACRES WHEAT	24,875	19,781	19,781	21,906	2,969	0	18,281	1,500	0	18,281	1,500	0	64,438
LBS	1,045,469	1,182,297	1,224,844	903,047	142,422	0	1,119,922	62,375	0	1,162,469	62,375	0	3,452,609
LBS/ACRE	42	60	62	41	48	0	61	42	0	64	42	0	54
ACRE TRTD/DIST	1.2	0.9	0.9	1.0	0.1	0.0	0.9	0.1	0.0	0.9	0.1	0.0	3.1
LBS/ACRE DIST	49.9	56.5	58.5	43.1	6.8	0.0	53.5	3.0	0.0	55.5	3.0	0.0	164.9
ACRES OATS	20,831	20,377	20,377	20,325	507	0	20,325	52	0	20,325	52	0	61,584
LBS	650,269	1,143,349	1,145,908	621,983	28,286	0	1,143,245	104	0	1,145,804	104	0	2,939,526
LBS/ACRE	31	56	56	31	56	0	56	2	0	56	2	0	48
ACRE TRTD/DIST	1.0	1.0	1.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	2.9
LBS/ACRED DIST	30.5	53.6	53.7	29.2	1.3	0.0	53.6	0.0	0.0	53.7	0.0	0.0	137.8
ACRES HAY	30,563	51,203	68,078	29,781	781	0	50,359	781	0	67,234	781	0	149,844
LBS	766,212	2,398,844	6,736,844	756,837	9,375	0	2,366,219	31,250	0	6,630,719	93,750	0	9,901,899
LBS/ACRE	25	47	99	25	12	0	47	40	0	99	120	0	66
ACRE TRTD/DIST	0.2	0.4	0.5	0.2	0.0	0.0	0.4	0.0	0.0	0.5	0.0	0.0	1.2
LBS/ACRE /DIST	6.0	18.6	52.4	5.9	0.1	0.0	18.4	0.2	0.0	51.5	0.7	0.0	77.0
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	289,095	248,519	282,327	226,147	31,140	30,526	230,158	16,260	756	274,243	5,197	756	819,941
LBS	16,385,166	14,193,131	22,600,281	10,184,032	1,831,467	4,311,975	13,369,676	639,619	36,308	21,975,809	250,734	36,308	53,178,578
LBS/ACRE	57	57	80	45	59	141	58	39	48	80	48	48	65
ACRE TRTD/DIST	0.9	0.7	0.8	0.7	0.1	0.1	0.7	0.0	0.0	0.8	0.0	0.0	2.4
LBS/ACRE DIST	48.2	41.8	66.5	30.0	5.4	12.7	39.4	1.9	0.1	64.7	0.7	0.1	156.6

(TABLE 8) FERTILIZER ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF MATERIAL BY THE FORM APPLIED IN THE WEST CENTRAL DISTRICT OF OHIO - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR DISTRICT FROM SURVEY ACRES AND RATES

DISTRICT NAME	DIST	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
WEST CENTRAL	40	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********		206,077	5.2	255,446	5.6	86,443	6.1	10,916	7.1	47,691	6.8	0	0.0	606,573

** FORM APP **	NITROGEN	P2O5	K2O	N SOLID	N LIQUID	N GAS	P SOLID	P LIQUID	P GAS	K SOLID	K LIQUID	K GAS	TOTAL CROP
ACRES CORN	394,173	245,346	241,596	179,923	116,519	95,577	200,519	41,346	3,481	211,115	27,000	3,481	881,115
LBS	27,597,349	14,441,198	17,287,590	6,260,213	8,406,234	12,719,825	12,493,471	1,852,939	94,789	16,362,886	639,415	285,289	59,326,137
LBS/ACRE	70	59	72	35	72	133	62	45	27	78	24	82	67
ACRE TRTD/DIST	1.9	1.2	1.2	0.9	0.6	0.5	1.0	0.2	0.0	1.0	0.1	0.0	4.3
LBS/ACRE DIST	133.9	70.1	83.9	30.4	40.8	61.7	60.6	9.0	0.5	79.4	3.1	1.4	287.9
ACRES SOYBEANS	61,304	103,554	129,911	43,214	18,089	0	86,500	17,054	0	112,857	17,054	0	294,768
LBS	905,425	4,056,089	8,192,803	718,121	187,304	0	3,635,982	420,107	0	7,712,911	479,893	0	13,154,317
LBS/ACRE	15	39	63	17	10	0	42	25	0	68	28	0	45
ACRE TRTD/DIST	0.2	0.4	0.5	0.2	0.1	0.0	0.3	0.1	0.0	0.4	0.1	0.0	1.2
LBS/ACRE DIST	3.5	15.9	32.1	2.8	0.7	0.0	14.2	1.6	0.0	30.2	1.9	0.0	51.5
ACRES WHEAT	126,557	80,246	80,803	97,557	28,344	656	76,934	3,312	0	77,492	3,312	0	287,607
LBS	5,558,817	4,148,049	4,806,615	3,940,214	1,607,456	11,148	4,048,525	99,525	0	4,747,893	58,721	0	14,513,481
LBS/ACRE	44	52	60	40	57	17	53	30	0	61	18	0	51
ACRE TRTD/DIST	1.5	0.9	0.9	1.1	0.3	0.0	0.9	0.0	0.0	0.9	0.0	0.0	3.3
LBS/ACRE DIST	64.3	48.0	55.6	45.6	18.6	0.1	46.8	1.2	0.0	54.9	0.7	0.0	167.9
ACRES OATS	10,310	10,310	10,310	10,310	0	0	10,310	0	0	10,310	0	0	30,930
LBS	337,549	501,803	500,732	337,549	0	0	501,803	0	0	500,732	0	0	1,340,085
LBS/ACRE	33	49	49	33	0	0	49	0	0	49	0	0	43
ACRE TRTD/DIST	0.9	0.9	0.9	0.9	0.0	0.0	0.9	0.0	0.0	0.9	0.0	0.0	2.8
LBS/ACRED DIST	30.9	46.0	45.9	30.9	0.0	0.0	46.0	0.0	0.0	45.9	0.0	0.0	122.8
ACRES HAY	5,574	37,309	44,441	4,794	779	0	36,529	779	0	43,662	779	0	87,324
LBS	107,088	1,842,294	5,554,162	101,588	5,500	0	1,827,147	15,147	0	5,514,456	39,706	0	7,503,544
LBS/ACRE	19	49	125	21	7	0	50	19	0	126	51	0	86
ACRE TRTD/DIST	0.1	0.8	0.9	0.1	0.0	0.0	0.8	0.0	0.0	0.9	0.0	0.0	1.8
LBS/ACRE /DIST	2.2	38.6	116.5	2.1	0.1	0.0	38.3	0.3	0.0	115.6	0.8	0.0	157.3
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	597,917	476,764	507,061	335,799	163,732	96,233	410,793	62,491	3,481	455,436	48,145	3,481	1,581,743
LBS	34,506,229	24,989,433	36,341,902	11,357,686	10,206,494	12,730,973	22,506,927	2,387,717	94,789	34,838,878	1,217,735	285,289	95,837,564
LBS/ACRE	58	52	72	34	62	132	55	38	27	77	25	82	61
ACRE TRTD/DIST	1.0	0.8	0.8	0.6	0.3	0.2	0.7	0.1	0.0	0.8	0.1	0.0	2.6
LBS/ACRE DIST	56.9	41.2	59.9	18.7	16.8	21.0	37.1	3.9	0.2	57.4	2.0	0.5	158.0

(TABLE 9) FERTILIZER ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF MATERIAL BY THE FORM APPLIED IN THE CENTRAL DISTRICT OF OHIO - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR DISTRICT FROM SURVEY ACRES AND RATES

DISTRICT NAME	DIST	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
CENTRAL	50	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********		68,531	4.9	92,061	4.9	27,242	3.3	4,471	3.4	6,182	3.3	0	0.0	198,487

** FORM APP **	NITROGEN	P2O5	K2O	N SOLID	N LIQUID	N GAS	P SOLID	P LIQUID	P GAS	K SOLID	K LIQUID	K GAS	TOTAL CROP
ACRES CORN	133,857	90,163	90,163	29,510	90,061	6,122	33,163	48,837	0	33,163	48,837	0	314,184
LBS	9,603,102	4,145,265	3,760,837	1,032,449	6,349,633	751,633	2,100,898	1,489,265	0	2,394,776	345,653	0	17,509,204
LBS/ACRE	72	46	42	35	71	123	63	31	0	72	7	0	56
ACRE TRTD/DIST	2.0	1.3	1.3	0.4	1.3	0.1	0.5	0.7	0.0	0.5	0.7	0.0	4.6
LBS/ACRE DIST	140.1	60.5	54.9	15.1	92.7	11.0	30.7	21.7	0.0	34.9	5.0	0.0	255.5
ACRES SOYBEANS	4,102	10,163	27,918	3,490	612	0	9,551	612	0	27,306	612	0	42,184
LBS	74,388	541,633	2,496,694	59,694	14,694	0	482,857	58,776	0	2,437,918	58,776	0	3,112,714
LBS/ACRE	18	53	89	17	24	0	51	96	0	89	96	0	74
ACRE TRTD/DIST	0.0	0.1	0.3	0.0	0.0	0.0	0.1	0.0	0.0	0.3	0.0	0.0	0.5
LBS/ACRE DIST	0.8	5.9	27.1	0.6	0.2	0.0	5.2	0.6	0.0	26.5	0.6	0.0	33.8
ACRES WHEAT	26,061	19,849	19,849	20,303	5,758	0	19,849	0	0	19,849	0	0	65,758
LBS	1,062,758	1,052,546	1,157,636	778,273	284,485	0	1,052,546	0	0	1,157,636	0	0	3,272,939
LBS/ACRE	41	53	58	38	49	0	53	0	0	58	0	0	50
ACRE TRTD/DIST	1.0	0.7	0.7	0.7	0.2	0.0	0.7	0.0	0.0	0.7	0.0	0.0	2.4
LBS/ACRE DIST	39.0	38.6	42.5	28.6	10.4	0.0	38.6	0.0	0.0	42.5	0.0	0.0	120.1
ACRES OATS	3,412	3,412	3,412	3,412	0	0	3,412	0	0	3,412	0	0	10,235
LBS	105,059	198,382	213,088	105,059	0	0	198,382	0	0	213,088	0	0	516,529
LBS/ACRE	31	58	63	31	0	0	58	0	0	63	0	0	51
ACRE TRTD/DIST	0.8	0.8	0.8	0.8	0.0	0.0	0.8	0.0	0.0	0.8	0.0	0.0	2.3
LBS/ACRED DIST	23.5	44.4	47.7	23.5	0.0	0.0	44.4	0.0	0.0	47.7	0.0	0.0	115.5
ACRES HAY	0	1,030	1,030	0	0	0	1,030	0	0	1,030	0	0	2,061
LBS	0	57,758	159,273	0	0	0	57,758	0	0	159,273	0	0	217,030
LBS/ACRE	0	56	155	0	0	0	56	0	0	155	0	0	105
ACRE TRTD/DIST	0.0	0.2	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.2	0.0	0.0	0.3
LBS/ACRE /DIST	0.0	9.3	25.8	0.0	0.0	0.0	9.3	0.0	0.0	25.8	0.0	0.0	35.1
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	167,432	124,617	142,372	56,715	96,431	6,122	67,005	49,449	0	84,760	49,449	0	434,421
LBS	10,845,306	5,995,583	7,787,528	1,975,474	6,648,811	751,633	3,892,441	1,548,041	0	6,362,691	404,429	0	24,628,418
LBS/ACRE	65	48	55	35	69	123	58	31	0	75	8	0	57
ACRE TRTD/DIST	0.8	0.6	0.7	0.3	0.5	0.0	0.3	0.2	0.0	0.4	0.2	0.0	2.2
LBS/ACRE DIST	54.6	30.2	39.2	10.0	33.5	3.8	19.6	7.8	0.0	32.1	2.0	0.0	124.1

(TABLE 10) SUMMATION OF THE DISTRICT TOTALS FOR ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND FORM OF APPLICATION USED IN THE LAKE ERIE BASIN OF OHIO

LAKE ERIE DRAINAGE AREA OF OHIO - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR BASIN FROM SURVEY ACRES AND RATES

	CORN ACRES	SOYBEAN ACRES	WHEAT ACRES	OATS ACRES	HAY ACRES	OTHER CROP ACRES	TOTAL CROP ACRES
**********	1,541,474.2	2,001,283.3	613,282.8	90,672.3	400,915.7	27,260.9	4,674,889.1

** FORM APP **	NITROGEN	P2O5	K2O	N SOLID	N LIQUID	N GAS	P2O5 SOLID	P2O5 LIQUID	P2O5 GAS	K2O SOLID	K2O LIQUID	K2O GAS	
ACRES CORN	2,972,826	1,749,594	1,861,374	1,248,570	959,298	737,916	1,274,188	432,601	20,598	1,537,755	280,457	20,598	6,583,793
LBS	231,605,817	106,329,942	153,087,893	53,365,471	65,359,322	109,142,530	84,186,169	20,140,040	966,068	142,297,080	7,063,704	950,148	491,023,651
LBS/ACRE	78	61	82	43	68	148	66	47	47	93	25	46	75
ACRE TRTD/AREA	1.9	1.1	1.2	0.8	0.6	0.5	0.8	0.3	0.0	1.0	0.2	0.0	4.3
LBS/ACRE AREA	150.2	69.0	99.3	34.6	42.4	70.8	54.6	13.1	0.6	92.3	4.6	0.6	318.5
ACRES SOYBEANS	336,578	655,183	925,792	208,711	123,098	0	519,833	129,862	0	788,938	123,530	7,051	1,917,552
LBS	4,647,823	25,980,133	72,187,705	3,339,746	1,254,910	0	22,525,594	3,238,950	0	66,358,743	4,312,626	846,154	102,815,661
LBS/ACRE	14	40	78	16	10	0	43	25	0	84	35	120	54
ACRE TRTD/AREA	0.2	0.3	0.5	0.1	0.1	0.0	0.3	0.1	0.0	0.4	0.1	0.0	1.0
LBS/ACRE AREA	2.3	13.0	36.1	1.7	0.6	0.0	11.3	1.6	0.0	33.2	2.2	0.4	292.7
ACRES WHEAT	924,845	577,836	580,283	679,307	225,694	9,233	550,363	18,054	0	554,516	16,349	0	2,082,964
LBS	40,784,520	33,493,961	38,733,510	26,737,741	13,055,981	758,280	32,219,279	831,413	0	37,660,788	633,760	0	113,011,990
LBS/ACRE	44	58	67	39	58	82	59	46	0	68	39	0	54
ACRE TRTD/AREA	1.5	0.9	0.9	1.1	0.4	0.0	0.9	0.0	0.0	0.9	0.0	0.0	3.4
LBS/ACRE AREA	66.5	54.6	63.2	43.6	21.3	1.2	52.5	1.4	0.0	61.4	1.0	0.0	184.3
ACRES OATS	76,713	75,175	75,175	73,935	2,778	0	74,101	1,074	0	74,101	1,074	0	227,063
LBS	2,765,767	3,869,093	3,964,008	2,662,462	103,305	0	3,843,684	25,409	0	3,940,868	23,140	0	10,598,867
LBS/ACRE	36	52	53	36	37	0	52	24	0	53	22	0	47
ACRE TRTD/AREA	0.8	0.8	0.8	0.8	0.0	0.0	0.8	0.0	0.0	0.8	0.0	0.0	2.5
LBS/ACRE AREA	30.5	42.7	43.7	29.4	1.1	0.0	42.4	0.3	0.0	43.5	0.3	0.0	116.9
ACRES HAY	82,195	192,655	234,346	71,097	11,099	0	179,094	13,499	0	220,784	13,499	0	509,196
LBS	1,916,403	9,544,340	25,896,633	1,822,879	93,523	0	9,344,298	198,666	0	25,444,602	439,656	0	37,357,375
LBS/ACRE	23	50	111	26	8	0	52	15	0	115	33	0	73
ACRE TRTD/AREA	0.2	0.5	0.6	0.2	0.0	0.0	0.4	0.0	0.0	0.6	0.0	0.0	1.3
LBS/ACRE AREA	7.4	24.7	30.8	6.4	1.0	0.0	23.2	0.8	0.0	29.3	0.7	0.0	59.3
ACRES OTHER CP	29,787	19,823	22,071	18,357	8,087	2,072	14,833	3,719	0	19,593	1,290	0	71,680
LBS	1,837,720	1,600,938	3,614,880	999,525	466,687	274,908	1,201,039	277,292	0	3,525,801	18,980	0	7,053,538
LBS/ACRE	62	81	164	55	58	133	81	75	0	180	15	0	98
ACRE TRTD/AREA	1.1	0.7	0.8	0.7	0.3	0.1	0.5	0.1	0.0	0.7	0.0	0.0	2.6
LBS/ACRE AREA	67.4	58.7	132.6	36.7	17.1	10.1	44.1	10.2	0.0	129.3	0.7	0.0	258.7
ACRES CROPS	4,422,943	3,270,265	3,699,041	2,299,976	1,330,054	749,220	2,612,413	598,809	20,598	3,195,688	436,198	27,649	11,392,249
LBS	283,558,048	180,818,406	297,484,629	88,927,824	80,333,728	110,175,718	153,320,062	24,711,770	966,068	279,227,881	12,491,866	1,796,302	761,861,083
LBS/ACRE	64	55	80	39	60	147	59	41	47	87	29	65	67
ACRE TRTD/AREA	0.9	0.7	0.8	0.5	0.3	0.2	0.6	0.1	0.0	0.7	0.1	0.0	2.4
LBS/ACRE AREA	60.7	38.7	63.6	19.0	17.2	23.6	32.8	5.3	0.2	59.7	2.7	0.4	163.0

APPENDIX 3

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(TABLE 11) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND FORM OF APPLICATION USED IN ALLEN COUNTY - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN ACRES	CORN FACTOR USED	SOYBEAN ACRES	SOYBEAN FACTOR USED	WHEAT ACRES	WHEAT FACTOR USED	OATS ACRES	OATS FACTOR USED	HAY ACRES	HAY FACTOR USED	OTHER CROP ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
ALLEN	3	3													
**********			53,750.0	6.8	73,828.1	6.4	21,692.3	7.8	2,100.0	7.0	7,151.5	3.3	0.0	0.0	158,521.9

** FORM APP **	NITROGEN	P2O5	K2O	N SOLID	N LIQUID	N GAS	P SOLID	P LIQUID	P GAS	K SOLID	K LIQUID	K GAS	TOTAL CROP
ACRES CORN	104,794	53,368	51,206	42,029	39,059	23,706	33,191	16,662	3,515	42,441	5,250	3,515	209,368
LBS	8,619,355	3,455,899	5,053,873	3,164,721	2,041,935	3,412,699	2,418,256	815,177	222,466	4,456,478	147,779	449,615	17,129,126
LBS/ACRE	82	65	99	75	52	144	73	49	63	105	28	128	82
ACRE TRTD/CNTY	1.9	1.0	1.0	0.8	0.7	0.4	0.6	0.3	0.1	0.8	0.1	0.1	3.9
LBS/ACRE CNTY	160.4	64.3	94.0	58.9	38.0	63.5	45.0	15.2	4.1	82.9	2.7	8.4	318.7
ACRES SOYBEANS	9,250	16,391	20,516	5,344	3,906	0	12,484	3,906	0	781	1,563	0	46,156
LBS	157,547	760,964	1,906,378	109,734	47,813	0	643,776	117,188	0	1,868,878	37,500	0	2,824,889
LBS/ACRE	17	46	93	21	12	0	52	30	0	2,392	24	0	61
ACRE TRTD/CNTY	0.1	0.2	0.3	0.1	0.1	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.6
LBS/ACRE CNTY	2.1	10.3	25.8	1.5	0.6	0.0	8.7	1.6	0.0	25.3	0.5	0.0	38.3
ACRES WHEAT	31,321	13,885	13,628	17,295	13,205	821	13,885	0	0	13,628	0	0	58,833
LBS	1,676,069	790,218	1,063,936	933,854	692,882	49,333	790,218	0	0	1,063,936	0	0	3,530,223
LBS/ACRE	54	57	78	54	53	60	57	0	0	78	0	0	60
ACRE TRTD/CNTY	1.4	0.6	0.6	0.8	0.6	0.0	0.6	0.0	0.0	0.6	0.0	0.0	2.7
LBS/ACRE CNTY	77.3	36.4	49.0	43.0	31.9	2.3	36.4	0.0	0.0	49.0	0.0	0.0	162.7
ACRES OATS	1,000	1,000	1,000	1,000	0	0	1,000	0	0	1,000	0	0	3,000
LBS	45,200	53,557	53,557	45,200	0	0	53,557	0	0	53,557	0	0	152,314
LBS/ACRE	45	54	54	45	0	0	54	0	0	54	0	0	51
ACRE TRTD/CNTY	0.5	0.5	0.5	0.5	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0	1.4
LBS/ACRE CNTY	21.5	25.5	25.5	21.5	0.0	0.0	25.5	0.0	0.0	25.5	0.0	0.0	72.5
ACRES HAY	0	2,515	2,758	0	0	0	2,515	0	0	2,758	0	0	5,273
LBS	0	90,485	290,909	0	0	0	90,485	0	0	290,909	0	0	381,394
LBS/ACRE	0	36	106	0	0	0	36	0	0	106	0	0	72
ACRE TRTD/CNTY	0.0	0.4	0.4	0.0	0.0	0.0	0.4	0.0	0.0	0.4	0.0	0.0	0.7
LBS/ACRE CNTY	0.0	12.7	40.7	0.0	0.0	0.0	12.7	0.0	0.0	40.7	0.0	0.0	53.3
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	146,365	87,158	89,107	65,668	56,170	24,526	63,075	20,568	3,515	60,608	6,813	3,515	322,630
LBS	10,498,171	5,151,122	8,368,653	4,253,509	2,782,630	3,462,032	3,996,292	932,364	222,466	7,733,758	185,279	449,615	24,017,946
LBS/ACRE	72	59	94	65	50	141	63	45	63	128	27	128	74
ACRE TRTD/CNTY	0.9	0.5	0.6	0.4	0.4	0.2	0.4	0.1	0.0	0.4	0.0	0.0	2.0
LBS/ACRE CNTY	66.2	32.5	52.8	26.8	17.6	21.8	25.2	5.9	1.4	48.8	1.2	2.8	151.5

(TABLE 12) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND FORM OF APPLICATION USED IN DEFIANCE COUNTY - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN ACRES	CORN FACTOR USED	SOYBEAN ACRES	SOYBEAN FACTOR USED	WHEAT ACRES	WHEAT FACTOR USED	OATS ACRES	OATS FACTOR USED	HAY ACRES	HAY FACTOR USED	OTHER CROP ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
DEFIANCE	39	39													
**********			31,027.0	7.4	73,741.9	6.2	23,500.0	6.4	4,178.6	5.6	8,787.9	3.3	249.9	36.5	141,485.3

** FORM APP **	NITROGEN	P2O5	K2O	N SOLID	N LIQUID	N GAS	P SOLID	P LIQUID	P GAS	K SOLID	K LIQUID	K GAS	TOTAL CROP
ACRES CORN	60,324	37,960	37,960	25,405	25,041	9,878	26,324	11,635	0	30,473	7,487	0	136,243
LBS	3,710,716	2,436,203	2,394,203	874,946	1,602,622	1,233,149	1,441,068	995,135	0	2,110,338	283,865	0	8,541,122
LBS/ACRE	62	64	63	34	64	125	55	86	0	69	38	0	63
ACRE TRTD/CNTY	1.9	1.2	1.2	0.8	0.8	0.3	0.8	0.4	0.0	1.0	0.2	0.0	4.4
LBS/ACRE CNTY	119.6	78.5	77.2	28.2	51.7	39.7	46.4	32.1	0.0	68.0	9.1	0.0	275.3
ACRES SOYBEANS	3,516	14,726	22,823	2,839	677	0	13,629	677	0	355	677	0	41,065
LBS	33,371	602,790	3,272,484	23,210	10,161	0	539,468	44,032	0	3,194,903	44,032	0	3,908,645
LBS/ACRE	10	41	143	8	15	0	40	65	0	9,004	65	0	95
ACRE TRTD/CNTY	0.0	0.2	0.3	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.6
LBS/ACRE CNTY	0.5	8.2	44.4	0.3	0.1	0.0	7.3	0.6	0.0	43.3	0.6	0.0	53.0
ACRES WHEAT	34,953	22,047	22,047	26,969	7,984	0	22,047	0	0	22,047	0	0	79,047
LBS	1,347,867	1,266,930	1,360,188	795,320	552,547	0	1,266,930	0	0	1,360,188	0	0	3,974,984
LBS/ACRE	39	58	62	30	69	0	58	0	0	62	0	0	50
ACRE TRTD/CNTY	1.5	0.9	0.9	1.1	0.3	0.0	0.9	0.0	0.0	0.9	0.0	0.0	3.4
LBS/ACRE CNTY	57.4	53.9	57.9	33.8	23.5	0.0	53.9	0.0	0.0	57.9	0.0	0.0	169.1
ACRES OATS	4,571	3,946	3,946	3,768	804	0	3,768	179	0	3,768	179	0	12,464
LBS	122,679	173,411	182,411	103,393	19,286	0	166,268	7,143	0	175,268	7,143	0	478,500
LBS/ACRE	27	44	46	27	24	0	44	40	0	47	40	0	38
ACRE TRTD/CNTY	1.1	0.9	0.9	0.9	0.2	0.0	0.9	0.0	0.0	0.9	0.0	0.0	3.0
LBS/ACRE CNTY	29.4	41.5	43.7	24.7	4.6	0.0	39.8	1.7	0.0	41.9	1.7	0.0	114.5
ACRES HAY	909	2,485	2,485	0	909	0	1,576	909	0	1,576	909	0	5,879
LBS	5,455	132,242	354,667	0	5,455	0	88,606	43,636	0	267,394	87,273	0	492,364
LBS/ACRE	6	53	143	0	6	0	56	48	0	170	96	0	84
ACRE TRTD/CNTY	0.1	0.3	0.3	0.0	0.1	0.0	0.2	0.1	0.0	0.2	0.1	0.0	0.7
LBS/ACRE CNTY	0.6	15.0	40.4	0.0	0.6	0.0	10.1	5.0	0.0	30.4	9.9	0.0	56.0
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	104,274	81,163	89,260	58,981	35,415	9,878	67,344	13,400	0	58,218	9,252	0	274,698
LBS	5,220,088	4,611,576	7,563,952	1,796,869	2,190,070	1,233,149	3,502,339	1,089,947	0	7,108,090	422,313	0	17,395,615
LBS/ACRE	50	57	85	31	62	125	52	81	0	122	46	0	63
ACRE TRTD/CNTY	0.7	0.6	0.6	0.4	0.3	0.1	0.5	0.1	0.0	0.4	0.1	0.0	1.9
LBS/ACRE CNTY	36.9	32.6	53.5	12.7	15.5	8.7	24.8	7.7	0.0	50.2	3.0	0.0	123.0

(TABLE 13) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND FORM OF APPLICATION USED IN FULTON COUNTY - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN ACRES	CORN FACTOR USED	SOYBEAN ACRES	SOYBEAN FACTOR USED	WHEAT ACRES	WHEAT FACTOR USED	OATS ACRES	OATS FACTOR USED	HAY ACRES	HAY FACTOR USED	OTHER CROP ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
FULTON	51	51	89,261.5	6.5	76,631.6	5.7	13,377.4	5.3	0.0	0.0	5,973.7	3.8	1,030.7	39.1	186,274.9
**********															

** FORM APP **	NITROGEN	P2O5	K2O	N SOLID	N LIQUID	N GAS	P SOLID	P LIQUID	P GAS	K SOLID	K LIQUID	K GAS	TOTAL CROP
ACRES CORN	178,600	90,292	126,077	61,585	46,600	70,000	62,077	28,215	0	110,539	15,539	0	394,969
LBS	15,059,262	5,358,877	11,082,400	2,232,600	1,634,969	11,123,569	4,020,631	1,338,246	0	10,875,477	206,923	0	31,500,539
LBS/ACRE	84	59	88	36	35	159	65	47	0	98	13	0	80
ACRE TRTD/CNTY	2.0	1.0	1.4	0.7	0.5	0.8	0.7	0.3	0.0	1.2	0.2	0.0	4.4
LBS/ACRE CNTY	168.7	60.0	124.2	25.0	18.3	124.6	45.0	15.0	0.0	121.8	2.3	0.0	352.9
ACRES SOYBEANS	21,211	31,333	56,263	18,193	2,632	0	28,316	2,632	0	1,754	2,632	0	108,807
LBS	216,386	1,226,298	3,975,965	173,719	40,351	0	1,078,053	138,597	0	3,907,193	45,614	0	5,418,649
LBS/ACRE	10	39	71	10	15	0	38	53	0	2,227	17	0	50
ACRE TRTD/CNTY	0.3	0.4	0.7	0.2	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	1.4
LBS/ACRE CNTY	2.8	16.0	51.9	2.3	0.5	0.0	14.1	1.8	0.0	51.0	0.6	0.0	70.7
ACRES WHEAT	20,245	13,925	14,302	16,226	4,019	0	13,528	396	0	13,906	396	0	48,472
LBS	904,566	712,472	1,013,717	690,830	213,736	0	684,736	27,736	0	985,981	27,736	0	2,630,755
LBS/ACRE	45	51	71	43	53	0	51	70	0	71	70	0	54
ACRE TRTD/CNTY	1.5	1.0	1.1	1.2	0.3	0.0	1.0	0.0	0.0	1.0	0.0	0.0	3.6
LBS/ACRE CNTY	67.6	53.3	75.8	51.6	16.0	0.0	51.2	2.1	0.0	73.7	2.1	0.0	196.7
ACRES OATS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES HAY	526	4,053	4,711	526	0	0	4,053	0	0	4,711	0	0	9,290
LBS	3,737	175,316	556,447	3,737	0	0	175,316	0	0	556,447	0	0	735,500
LBS/ACRE	7	43	118	7	0	0	43	0	0	118	0	0	79
ACRE TRTD/CNTY	0.1	0.7	0.8	0.1	0.0	0.0	0.7	0.0	0.0	0.8	0.0	0.0	1.6
LBS/ACRE CNTY	0.6	29.3	93.1	0.6	0.0	0.0	29.3	0.0	0.0	93.1	0.0	0.0	123.1
ACRES OTHER CP	934	934	1,726	13	0	0	13	0	0	806	0	0	3,593
LBS	74,169	92,532	245,064	460	0	0	460	0	0	190,742	0	0	411,765
LBS/ACRE	80	99	142	36	0	0	36	0	0	237	0	0	115
ACRE TRTD/CNTY	0.9	0.9	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	3.5
LBS/ACRE CNTY	72.0	89.8	237.8	0.4	0.0	0.0	0.4	0.0	0.0	185.1	0.0	0.0	399.5
ACRES CROPS	221,516	140,536	203,079	96,543	53,250	70,000	107,986	31,243	0	131,715	18,566	0	565,131
LBS	16,258,119	7,565,495	16,873,593	3,101,347	1,889,056	11,123,569	5,959,195	1,504,579	0	16,515,840	280,273	0	40,697,207
LBS/ACRE	73	54	83	32	36	159	55	48	0	125	15	0	72
ACRE TRTD/CNTY	1.2	0.8	1.1	0.5	0.3	0.4	0.6	0.2	0.0	0.7	0.1	0.0	3.0
LBS/ACRE CNTY	87.3	40.6	90.6	16.6	10.1	59.7	32.0	8.1	0.0	88.7	1.5	0.0	218.5

(TABLE 14) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND FORM OF APPLICATION USED IN HANCOCK COUNTY - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
HANCOCK	63	63	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********			70,472.2	7.2	114,588.2	6.8	44,257.1	7.0	1,194.0	6.7	7,821.4	2.8	680.0	63.1	239,013.1

** FORM APP **	NITROGEN	P2O5	K2O	N SOLID	N LIQUID	N GAS	P SOLID	P LIQUID	P GAS	K SOLID	K LIQUID	K GAS	TOTAL CROP
ACRES CORN	151,931	89,139	100,139	72,625	33,194	46,111	73,778	15,361	0	87,806	12,333	0	341,208
LBS	11,954,361	5,957,889	9,585,750	2,433,833	2,018,403	7,502,125	5,228,472	729,417	0	9,473,056	112,694	0	27,498,000
LBS/ACRE	79	67	96	34	61	163	71	48	0	108	9	0	81
ACRE TRTD/CNTY	2.2	1.3	1.4	1.0	0.5	0.7	1.0	0.2	0.0	1.2	0.2	0.0	4.8
LBS/ACRE CNTY	169.6	84.5	136.0	34.5	28.6	106.5	74.2	10.4	0.0	134.4	1.6	0.0	390.2
ACRES SOYBEANS	17,779	27,691	43,191	9,985	7,794	0	19,897	7,794	0	1,471	7,059	8,088	88,662
LBS	206,088	1,084,706	3,607,559	149,471	56,618	0	923,529	161,177	0	2,514,471	122,500	970,588	4,898,353
LBS/ACRE	12	39	84	15	7	0	46	21	0	1,710	17	120	55
ACRE TRTD/CNTY	0.2	0.2	0.4	0.1	0.1	0.0	0.2	0.1	0.0	0.0	0.1	0.1	0.8
LBS/ACRE CNTY	1.8	9.5	31.5	1.3	0.5	0.0	8.1	1.4	0.0	21.9	1.1	8.5	42.7
ACRES WHEAT	74,029	45,771	46,243	57,400	10,914	5,714	45,771	0	0	46,243	0	0	166,043
LBS	3,366,443	3,077,443	3,207,900	2,204,943	617,071	544,429	3,077,443	0	0	3,207,900	0	0	9,651,786
LBS/ACRE	46	67	69	38	57	95	67	0	0	69	0	0	58
ACRE TRTD/CNTY	1.7	1.0	1.0	1.3	0.2	0.1	1.0	0.0	0.0	1.0	0.0	0.0	3.8
LBS/ACRE CNTY	76.1	69.5	72.5	49.8	13.9	12.3	69.5	0.0	0.0	72.5	0.0	0.0	218.1
ACRES OATS	716	716	716	716	0	0	716	0	0	716	0	0	2,149
LBS	26,149	41,552	46,567	26,149	0	0	41,552	0	0	46,567	0	0	114,269
LBS/ACRE	37	58	65	37	0	0	58	0	0	65	0	0	53
ACRE TRTD/CNTY	0.6	0.6	0.6	0.6	0.0	0.0	0.6	0.0	0.0	0.6	0.0	0.0	1.8
LBS/ACRE CNTY	21.9	34.8	39.0	21.9	0.0	0.0	34.8	0.0	0.0	39.0	0.0	0.0	95.7
ACRES HAY	2,500	3,000	4,429	2,500	0	0	3,000	0	0	4,429	0	0	9,929
LBS	77,143	168,714	315,000	77,143	0	0	168,714	0	0	315,000	0	0	560,857
LBS/ACRE	31	56	71	31	0	0	56	0	0	71	0	0	57
ACRE TRTD/CNTY	0.3	0.4	0.6	0.3	0.0	0.0	0.4	0.0	0.0	0.6	0.0	0.0	1.3
LBS/ACRE CNTY	9.9	21.6	40.3	9.9	0.0	0.0	21.6	0.0	0.0	40.3	0.0	0.0	71.7
ACRES OTHER CP	785	523	563	262	262	262	262	262	0	301	262	0	1,870
LBS	50,729	21,442	36,894	4,707	3,138	42,884	12,029	9,414	0	33,756	3,138	0	109,065
LBS/ACRE	65	41	66	18	12	164	46	36	0	112	12	0	58
ACRE TRTD/CNTY	1.2	0.8	0.8	0.4	0.4	0.4	0.4	0.4	0.0	0.4	0.4	0.0	2.7
LBS/ACRE CNTY	74.6	31.5	54.3	6.9	4.6	63.1	17.7	13.8	0.0	49.6	4.6	0.0	160.4
ACRES CROPS	247,739	166,841	195,281	143,488	52,164	52,087	143,424	23,417	0	140,965	19,654	8,088	609,861
LBS	15,680,913	10,351,746	16,799,670	4,896,246	2,695,230	8,089,438	9,451,740	900,007	0	15,590,749	238,332	970,588	42,832,329
LBS/ACRE	63	62	86	34	52	155	66	38	0	111	12	120	70
ACRE TRTD/CNTY	1.0	0.7	0.8	0.6	0.2	0.2	0.6	0.1	0.0	0.6	0.1	0.0	2.6
LBS/ACRE CNTY	65.6	43.3	70.3	20.5	11.3	33.8	39.5	3.8	0.0	65.2	1.0	4.1	179.2

(TABLE 15) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND FORM OF APPLICATION USED IN HENRY COUNTY - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
HENRY	69	69	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********			66,697.0	9.9	89,270.0	10.0	29,474.2	9.7	1,792.5	5.3	7,576.3	5.9	1,111.7	26.4	195,921.7

** FORM APP **	NITROGEN	P2O5	K2O	N SOLID	N LIQUID	N GAS	P SOLID	P LIQUID	P GAS	K SOLID	K LIQUID	K GAS	TOTAL CROP
ACRES CORN	131,697	75,071	77,737	59,222	43,253	29,222	57,343	17,535	192	65,465	12,081	192	284,505
LBS	10,641,768	4,502,626	5,741,333	2,230,606	4,046,869	4,364,293	3,903,253	584,404	14,970	5,093,707	632,657	14,970	20,885,727
LBS/ACRE	81	60	74	38	94	149	68	33	78	78	52	78	73
ACRE TRTD/CNTY	2.0	1.1	1.2	0.9	0.6	0.4	0.9	0.3	0.0	1.0	0.2	0.0	4.3
LBS/ACRE CNTY	159.6	67.5	86.1	33.4	60.7	65.4	58.5	8.8	0.2	76.4	9.5	0.2	313.1
ACRES SOYBEANS	10,060	16,240	24,390	4,580	2,630	0	10,760	2,630	0	500	2,630	0	50,690
LBS	102,210	557,270	1,923,520	43,610	30,100	0	397,320	60,200	0	1,528,920	52,600	0	2,583,000
LBS/ACRE	10	34	79	10	11	0	37	23	0	3,058	20	0	51
ACRE TRTD/CNTY	0.1	0.2	0.3	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.6
LBS/ACRE CNTY	1.1	6.2	21.5	0.5	0.3	0.0	4.5	0.7	0.0	17.1	0.6	0.0	28.9
ACRES WHEAT	43,856	26,897	26,897	32,052	10,990	814	26,196	701	0	26,588	309	0	97,650
LBS	1,688,990	1,706,619	1,817,887	1,062,845	577,278	48,866	1,663,918	42,701	0	1,780,773	37,113	0	5,213,495
LBS/ACRE	39	64	68	33	53	60	64	61	0	67	120	0	53
ACRE TRTD/CNTY	1.5	0.9	0.9	1.1	0.4	0.0	0.9	0.0	0.0	0.9	0.0	0.0	3.3
LBS/ACRE CNTY	57.3	57.9	61.7	36.1	19.6	1.7	56.5	1.4	0.0	60.4	1.3	0.0	176.9
ACRES OATS	1,340	1,340	1,340	1,340	0	0	1,340	0	0	1,340	0	0	4,019
LBS	55,717	55,717	55,717	55,717	0	0	55,717	0	0	55,717	0	0	167,151
LBS/ACRE	42	42	42	42	0	0	42	0	0	42	0	0	42
ACRE TRTD/CNTY	0.7	0.7	0.7	0.7	0.0	0.0	0.7	0.0	0.0	0.7	0.0	0.0	2.2
LBS/ACRE CNTY	31.1	31.1	31.1	31.1	0.0	0.0	31.1	0.0	0.0	31.1	0.0	0.0	93.3
ACRES HAY	170	3,966	4,390	170	0	0	3,966	0	0	4,390	0	0	8,525
LBS	3,051	171,898	556,966	3,051	0	0	171,898	0	0	556,966	0	0	731,915
LBS/ACRE	18	43	127	18	0	0	43	0	0	127	0	0	86
ACRE TRTD/CNTY	0.0	0.5	0.6	0.0	0.0	0.0	0.5	0.0	0.0	0.6	0.0	0.0	1.1
LBS/ACRE CNTY	0.4	22.7	73.5	0.4	0.0	0.0	22.7	0.0	0.0	73.5	0.0	0.0	96.6
ACRES OTHER CP	11	63	63	11	0	0	63	0	0	63	0	0	137
LBS	909	3,165	6,864	909	0	0	3,165	0	0	6,864	0	0	10,938
LBS/ACRE	80	50	109	80	0	0	50	0	0	109	0	0	80
ACRE TRTD/CNTY	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.1
LBS/ACRE CNTY	0.8	2.8	6.2	0.8	0.0	0.0	2.8	0.0	0.0	6.2	0.0	0.0	9.8
ACRES CROPS	187,133	123,576	134,817	97,374	56,872	30,037	99,668	20,866	192	98,345	15,020	192	445,526
LBS	12,492,644	6,997,295	10,102,287	3,396,738	4,654,247	4,413,159	6,195,271	687,305	14,970	9,022,947	722,370	14,970	29,592,226
LBS/ACRE	67	57	75	35	82	147	62	33	78	92	48	78	66
ACRE TRTD/CNTY	1.0	0.6	0.7	0.5	0.3	0.2	0.5	0.1	0.0	0.5	0.1	0.0	2.3
LBS/ACRE CNTY	63.8	35.7	51.6	17.3	23.8	22.5	31.6	3.5	0.1	46.1	3.7	0.1	151.0

(TABLE 16) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND FORM OF APPLICATION USED IN LUCAS COUNTY - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN ACRES	CORN FACTOR USED	SOYBEAN ACRES	SOYBEAN FACTOR USED	WHEAT ACRES	WHEAT FACTOR USED	OATS ACRES	OATS FACTOR USED	HAY ACRES	HAY FACTOR USED	OTHER CROP ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
LUCAS	95	95													
**********			26,571.4	2.1	34,708.3	4.8	5,020.8	4.8	0.0	0.0	2,111.1	9.0	449.5	32.7	68,861.2

** FORM APP **	NITROGEN	P2O5	K2O	N SOLID	N LIQUID	N GAS	P SOLID	P LIQUID	P GAS	K SOLID	K LIQUID	K GAS	TOTAL CROP
ACRES CORN	48,667	24,429	34,905	10,429	25,429	12,810	10,429	14,000	0	19,667	15,238	0	108,000
LBS	3,936,762	1,569,714	2,110,191	488,571	1,301,238	2,146,952	954,286	615,429	0	1,704,191	406,000	0	7,616,667
LBS/ACRE	81	64	61	47	51	168	92	44	0	87	27	0	71
ACRE TRTD/CNTY	1.8	0.9	1.3	0.4	1.0	0.5	0.4	0.5	0.0	0.7	0.6	0.0	4.1
LBS/ACRE CNTY	148.2	59.1	79.4	18.4	49.0	80.8	35.9	23.2	0.0	64.1	15.3	0.0	286.6
ACRES SOYBEANS	12,042	13,667	19,021	7,792	4,250	0	9,417	4,250	0	4,250	4,250	0	44,729
LBS	140,979	426,250	812,229	68,729	72,250	0	392,250	34,000	0	739,979	72,250	0	1,379,458
LBS/ACRE	12	31	43	9	17	0	42	8	0	174	17	0	31
ACRE TRTD/CNTY	0.3	0.4	0.5	0.2	0.1	0.0	0.3	0.1	0.0	0.1	0.1	0.0	1.3
LBS/ACRE CNTY	4.1	12.3	23.4	2.0	2.1	0.0	11.3	1.0	0.0	21.3	2.1	0.0	39.7
ACRES WHEAT	6,250	2,833	2,833	4,021	2,229	0	2,833	0	0	2,833	0	0	11,917
LBS	284,729	187,896	214,104	163,104	121,625	0	187,896	0	0	214,104	0	0	686,729
LBS/ACRE	46	66	76	41	55	0	66	0	0	76	0	0	58
ACRE TRTD/CNTY	1.2	0.6	0.6	0.8	0.4	0.0	0.6	0.0	0.0	0.6	0.0	0.0	2.4
LBS/ACRE CNTY	56.7	37.4	42.6	32.5	24.2	0.0	37.4	0.0	0.0	42.6	0.0	0.0	136.8
ACRES OATS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES HAY	1,889	2,111	2,444	889	1,000	0	1,111	1,000	0	1,444	1,000	0	6,444
LBS	11,000	76,556	140,333	8,000	3,000	0	67,556	9,000	0	122,333	18,000	0	227,889
LBS/ACRE	6	36	57	9	3	0	61	9	0	85	18	0	35
ACRE TRTD/CNTY	0.9	1.0	1.2	0.4	0.5	0.0	0.5	0.5	0.0	0.7	0.5	0.0	3.1
LBS/ACRE CNTY	5.2	36.3	66.5	3.8	1.4	0.0	32.0	4.3	0.0	57.9	8.5	0.0	107.9
ACRES OTHER CP	1,220	425	829	1,220	0	0	425	0	0	829	0	0	2,474
LBS	105,878	14,771	52,312	105,878	0	0	14,771	0	0	52,312	0	0	172,960
LBS/ACRE	87	35	63	87	0	0	35	0	0	63	0	0	70
ACRE TRTD/CNTY	2.7	0.9	1.8	2.7	0.0	0.0	0.9	0.0	0.0	1.8	0.0	0.0	5.5
LBS/ACRE CNTY	235.5	32.9	116.4	235.5	0.0	0.0	32.9	0.0	0.0	116.4	0.0	0.0	384.7
ACRES CROPS	70,067	43,465	60,032	24,350	32,908	12,810	24,215	19,250	0	29,023	20,488	0	173,564
LBS	4,479,348	2,275,186	3,329,169	834,282	1,498,113	2,146,952	1,616,758	658,429	0	2,832,919	496,250	0	10,083,703
LBS/ACRE	64	52	56	34	46	168	67	34	0	98	24	0	58
ACRE TRTD/CNTY	1.0	0.6	0.9	0.4	0.5	0.2	0.4	0.3	0.0	0.4	0.3	0.0	2.5
LBS/ACRE CNTY	65.0	33.0	48.3	12.1	21.8	31.2	23.5	9.6	0.0	41.1	7.2	0.0	146.4

(TABLE 17) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND FORM METHOD OF APPLICATION USED IN PAULDING COUNTY - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN ACRES	CORN FACTOR USED	SOYBEAN ACRES	SOYBEAN FACTOR USED	WHEAT ACRES	WHEAT FACTOR USED	OATS ACRES	OATS FACTOR USED	HAY ACRES	HAY FACTOR USED	OTHER CROP ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
PAULDING	125	125	49,731.7	8.2	93,040.5	7.4	24,060.2	13.3	4,204.1	4.9	6,602.2	9.3	0.0	0.0	177,638.6
**********															

** FORM APP **	NITROGEN	P2O5	K2O	N SOLID	N LIQUID	N GAS	P SOLID	P LIQUID	P GAS	K SOLID	K LIQUID	K GAS	TOTAL CROP
ACRES CORN	99,159	67,281	69,963	50,842	18,159	28,524	62,402	4,878	0	68,256	1,707	0	236,402
LBS	7,198,475	3,950,976	4,870,623	1,216,122	1,189,572	4,524,781	3,617,268	333,708	0	4,836,720	33,902	0	16,020,073
LBS/ACRE	73	59	70	24	66	159	58	68	0	71	20	0	68
ACRE TRTD/CNTY	2.0	1.4	1.4	1.0	0.4	0.6	1.3	0.1	0.0	1.4	0.0	0.0	4.8
LBS/ACRE CNTY	144.7	79.4	97.9	24.5	23.9	91.0	72.7	6.7	0.0	97.3	0.7	0.0	322.1
ACRES SOYBEANS	12,460	23,676	25,351	4,824	7,635	0	16,851	6,824	0	3,405	6,824	0	61,487
LBS	304,485	974,488	1,449,758	84,757	219,728	0	821,514	152,974	0	1,234,622	215,136	0	2,728,730
LBS/ACRE	24	41	57	18	29	0	49	22	0	363	32	0	44
ACRE TRTD/CNTY	0.1	0.3	0.3	0.1	0.1	0.0	0.2	0.1	0.0	0.0	0.1	0.0	0.7
LBS/ACRE CNTY	3.3	10.5	15.6	0.9	2.4	0.0	8.8	1.6	0.0	13.3	2.3	0.0	29.3
ACRES WHEAT	40,481	23,263	23,263	22,654	16,211	0	21,120	526	0	21,120	526	0	87,008
LBS	1,907,364	1,508,587	1,665,369	813,278	1,052,132	0	1,309,188	31,579	0	1,465,970	31,579	0	5,081,319
LBS/ACRE	47	65	72	36	65	0	62	60	0	69	60	0	58
ACRE TRTD/CNTY	1.7	1.0	1.0	0.9	0.7	0.0	0.9	0.0	0.0	0.9	0.0	0.0	3.6
LBS/ACRE CNTY	79.3	62.7	69.2	33.8	43.7	0.0	54.4	1.3	0.0	60.9	1.3	0.0	211.2
ACRES OATS	4,082	3,265	3,265	3,265	816	0	3,265	0	0	3,265	0	0	10,612
LBS	221,959	156,980	156,980	171,347	50,612	0	156,980	0	0	156,980	0	0	535,918
LBS/ACRE	54	48	48	53	62	0	48	0	0	48	0	0	51
ACRE TRTD/CNTY	1.0	0.8	0.8	0.8	0.2	0.0	0.8	0.0	0.0	0.8	0.0	0.0	2.5
LBS/ACRE CNTY	52.8	37.3	37.3	40.8	12.0	0.0	37.3	0.0	0.0	37.3	0.0	0.0	127.5
ACRES HAY	548	548	548	118	430	0	118	430	0	118	430	0	1,645
LBS	7,398	9,979	9,979	5,677	1,720	0	5,677	4,301	0	5,677	4,301	0	27,355
LBS/ACRE	14	18	18	48	4	0	48	10	0	48	10	0	17
ACRE TRTD/CNTY	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.2
LBS/ACRE CNTY	1.1	1.5	1.5	0.9	0.3	0.0	0.9	0.7	0.0	0.9	0.7	0.0	4.1
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	156,729	118,033	122,392	81,704	43,251	28,524	103,758	12,659	0	96,165	9,488	0	397,154
LBS	9,639,681	6,601,008	8,152,707	2,291,181	2,513,765	4,524,781	5,910,627	522,562	0	7,699,969	284,919	0	24,393,396
LBS/ACRE	62	56	67	28	58	159	57	41	0	80	30	0	61
ACRE TRTD/CNTY	0.9	0.7	0.7	0.5	0.2	0.2	0.6	0.1	0.0	0.5	0.1	0.0	2.2
LBS/ACRE CNTY	54.3	37.2	45.9	12.9	14.2	25.5	33.3	2.9	0.0	43.3	1.6	0.0	137.3

(TABLE 18) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND FORM OF APPLICATION USED IN PUTNAM COUNTY - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
PUTNAM	137	137	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********			63,000.0	6.9	113,902.8	7.2	41,152.5	5.9	2,911.8	6.8	12,981.8	5.5	4,143.2	8.1	238,092.1

** FORM APP **	NITROGEN	P2O5	K2O	N SOLID	N LIQUID	N GAS	P SOLID	P LIQUID	P GAS	K SOLID	K LIQUID	K GAS	TOTAL CROP
ACRES CORN	113,536	61,812	68,377	57,783	32,058	21,768	54,073	5,899	275	65,188	1,348	275	243,725
LBS	8,784,731	3,923,232	5,345,550	2,369,544	3,117,151	3,231,486	3,531,551	330,290	6,609	5,162,855	105,652	6,609	18,053,514
LBS/ACRE	77	64	78	41	97	149	65	56	24	79	78	24	74
ACRE TRTD/CNTY	1.8	1.0	1.1	0.9	0.5	0.3	0.9	0.1	0.0	1.0	0.0	0.0	3.9
LBS/ACRE CNTY	139.4	62.3	84.9	37.6	49.5	51.3	56.1	5.2	0.1	82.0	1.7	0.1	286.6
ACRES SOYBEANS	15,306	33,958	40,903	9,514	5,792	0	28,167	5,792	0	528	5,375	0	90,167
LBS	139,611	1,442,708	2,827,236	97,125	42,486	0	1,241,139	201,569	0	2,646,986	180,250	0	4,409,555
LBS/ACRE	9	43	69	10	7	0	44	35	0	5,015	34	0	49
ACRE TRTD/CNTY	0.1	0.3	0.4	0.1	0.1	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.8
LBS/ACRE CNTY	1.2	12.7	24.8	0.9	0.4	0.0	10.9	1.8	0.0	23.2	1.6	0.0	38.7
ACRES WHEAT	70,271	39,068	39,356	51,864	17,441	966	37,339	1,729	0	37,627	1,729	0	148,695
LBS	3,366,737	2,103,678	2,602,220	2,166,585	1,100,644	99,509	1,999,610	104,068	0	2,498,153	104,068	0	8,072,636
LBS/ACRE	48	54	66	42	63	103	54	60	0	66	60	0	54
ACRE TRTD/CNTY	1.7	0.9	1.0	1.3	0.4	0.0	0.9	0.0	0.0	0.9	0.0	0.0	3.6
LBS/ACRE CNTY	81.8	51.1	63.2	52.6	26.7	2.4	48.6	2.5	0.0	60.7	2.5	0.0	196.2
ACRES OATS	2,912	2,912	2,912	2,912	0	0	2,912	0	0	2,912	0	0	8,735
LBS	93,765	105,399	108,972	93,765	0	0	105,399	0	0	108,972	0	0	308,135
LBS/ACRE	32	36	37	32	0	0	36	0	0	37	0	0	35
ACRE TRTD/CNTY	1.0	1.0	1.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	3.0
LBS/ACRE CNTY	32.2	36.2	37.4	32.2	0.0	0.0	36.2	0.0	0.0	37.4	0.0	0.0	105.8
ACRES HAY	1,127	1,182	6,091	1,127	0	0	1,182	0	0	6,091	0	0	8,400
LBS	34,036	55,455	1,038,109	34,036	0	0	55,455	0	0	1,038,109	0	0	1,127,600
LBS/ACRE	30	47	170	30	0	0	47	0	0	170	0	0	134
ACRE TRTD/CNTY	0.1	0.1	0.5	0.1	0.0	0.0	0.1	0.0	0.0	0.5	0.0	0.0	0.6
LBS/ACRE CNTY	2.6	4.3	80.0	2.6	0.0	0.0	4.3	0.0	0.0	80.0	0.0	0.0	86.9
ACRES OTHER CP	10,099	5,605	3,383	5,605	4,494	0	3,383	2,222	0	3,383	0	0	19,086
LBS	383,704	409,259	656,691	256,543	127,161	0	371,482	37,778	0	656,691	0	0	1,449,654
LBS/ACRE	38	73	194	46	28	0	110	17	0	194	0	0	76
ACRE TRTD/CNTY	2.4	1.4	0.8	1.4	1.1	0.0	0.8	0.5	0.0	0.8	0.0	0.0	4.6
LBS/ACRE CNTY	92.6	98.8	158.5	61.9	30.7	0.0	89.7	9.1	0.0	158.5	0.0	0.0	349.9
ACRES CROPS	213,251	144,536	161,021	128,805	59,784	22,734	127,054	15,641	275	115,729	8,452	275	518,808
LBS	12,802,585	8,039,731	12,578,779	5,017,598	4,387,441	3,330,995	7,304,634	673,705	6,609	12,111,766	389,970	6,609	33,421,094
LBS/ACRE	60	56	78	39	73	147	58	43	24	105	46	24	64
ACRE TRTD/CNTY	0.9	0.6	0.7	0.5	0.3	0.1	0.5	0.1	0.0	0.5	0.0	0.0	2.2
LBS/ACRE CNTY	53.8	33.8	52.8	21.1	18.4	14.0	30.7	2.8	0.0	50.9	1.6	0.0	140.4

(TABLE 19) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND FORM OF APPLICATION USED IN VAN WERT COUNTY - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
VAN WERT	161	161	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********			72,454.5	7.7	97,333.3	9.0	28,406.6	9.1	2,493.8	8.1	4,078.9	7.6	0.0	0.0	204,767.2

** FORM APP **	NITROGEN	P2O5	K2O	N SOLID	N LIQUID	N GAS	P SOLID	P LIQUID	P GAS	K SOLID	K LIQUID	K GAS	TOTAL CROP
ACRES CORN	138,481	91,870	93,286	39,260	43,338	52,766	54,753	23,948	11,610	65,922	14,195	11,610	323,636
LBS	12,438,779	5,136,714	6,479,546	758,831	3,502,442	7,895,429	3,003,247	1,453,520	572,416	5,554,675	601,494	183,117	24,055,039
LBS/ACRE	90	56	70	19	81	150	55	61	49	84	42	16	74
ACRE TRTD/CNTY	1.9	1.3	1.3	0.5	0.6	0.7	0.8	0.3	0.2	0.9	0.2	0.2	4.5
LBS/ACRE CNTY	171.7	70.9	89.4	10.5	48.3	109.0	41.5	20.1	7.9	76.7	8.3	2.5	332.0
ACRES SOYBEANS	28,467	35,122	40,222	2,467	26,000	0	9,122	26,000	0	878	26,000	0	103,811
LBS	187,522	964,211	2,643,000	23,378	164,144	0	461,867	502,344	0	1,167,622	1,475,378	0	3,794,733
LBS/ACRE	7	28	66	10	6	0	51	19	0	1,330	57	0	37
ACRE TRTD/CNTY	0.3	0.4	0.4	0.0	0.3	0.0	0.1	0.3	0.0	0.0	0.3	0.0	1.1
LBS/ACRE CNTY	1.9	9.9	27.2	0.2	1.7	0.0	4.7	5.2	0.0	12.0	15.2	0.0	39.0
ACRES WHEAT	42,198	23,626	22,582	22,824	17,539	0	20,374	2,440	0	20,374	1,396	0	88,407
LBS	2,092,879	1,323,011	1,564,290	1,036,857	961,033	0	1,117,396	152,758	0	1,447,411	64,022	0	4,980,180
LBS/ACRE	50	56	69	45	55	0	55	63	0	71	46	0	56
ACRE TRTD/CNTY	1.5	0.8	0.8	0.8	0.6	0.0	0.7	0.1	0.0	0.7	0.0	0.0	3.1
LBS/ACRE CNTY	73.7	46.6	55.1	36.5	33.8	0.0	39.3	5.4	0.0	51.0	2.3	0.0	175.3
ACRES OATS	1,988	1,988	1,988	1,568	420	0	1,568	420	0	1,568	420	0	5,963
LBS	85,259	87,333	87,333	78,444	6,815	0	78,444	8,889	0	78,444	8,889	0	259,926
LBS/ACRE	43	44	44	50	16	0	50	21	0	50	21	0	44
ACRE TRTD/CNTY	0.8	0.8	0.8	0.6	0.2	0.0	0.6	0.2	0.0	0.6	0.2	0.0	2.4
LBS/ACRE CNTY	34.2	35.0	35.0	31.5	2.7	0.0	31.5	3.6	0.0	31.5	3.6	0.0	104.2
ACRES HAY	290	803	803	224	66	0	737	66	0	737	66	0	1,895
LBS	5,474	30,724	95,197	4,026	1,447	0	29,276	1,447	0	93,750	1,447	0	131,395
LBS/ACRE	19	38	119	18	22	0	40	22	0	127	22	0	69
ACRE TRTD/CNTY	0.1	0.2	0.2	0.1	0.0	0.0	0.2	0.0	0.0	0.2	0.0	0.0	0.5
LBS/ACRE CNTY	1.3	7.5	23.3	1.0	0.4	0.0	7.2	0.4	0.0	23.0	0.4	0.0	32.2
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	211,422	153,409	158,881	66,342	87,362	52,766	86,554	52,873	11,610	89,478	42,076	11,610	523,712
LBS	14,809,914	7,541,993	10,869,366	1,901,537	4,635,881	7,895,429	4,690,230	2,118,958	572,416	8,341,903	2,151,230	183,117	33,221,273
LBS/ACRE	70	49	68	29	53	150	54	40	49	93	51	16	63
ACRE TRTD/CNTY	1.0	0.7	0.8	0.3	0.4	0.3	0.4	0.3	0.1	0.4	0.2	0.1	2.6
LBS/ACRE CNTY	72.3	36.8	53.1	9.3	22.6	38.6	22.9	10.3	2.8	40.7	10.5	0.9	162.2

(TABLE 20) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND FORM OF APPLICATION USED IN WILLIAMS COUNTY - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
WILLIAMS	171	171	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********			51,423.4	11.1	64,801.5	13.1	23,227.3	11.0	2,306.8	8.8	12,408.2	4.9	639.6	22.2	154,806.8

** FORM APP **	NITROGEN	P2O5	K2O	N SOLID	N LIQUID	N GAS	P SOLID	P LIQUID	P GAS	K SOLID	K LIQUID	K GAS	TOTAL CROP
ACRES CORN	93,099	60,270	61,829	31,676	34,586	26,838	34,667	25,604	0	41,532	20,297	0	215,198
LBS	6,975,910	3,319,945	4,400,338	1,711,063	1,534,676	3,730,171	2,438,955	880,990	0	3,881,045	519,293	0	14,696,193
LBS/ACRE	75	55	71	54	44	139	70	34	0	93	26	0	68
ACRE TRTD/CNTY	1.8	1.2	1.2	0.6	0.7	0.5	0.7	0.5	0.0	0.8	0.4	0.0	4.2
LBS/ACRE CNTY	135.7	64.6	85.6	33.3	29.8	72.5	47.4	17.1	0.0	75.5	10.1	0.0	285.8
ACRES SOYBEANS	7,122	19,046	39,527	6,817	305	0	15,305	3,512	0	229	3,512	0	65,695
LBS	77,641	725,702	3,441,670	71,954	5,687	0	592,450	122,718	0	3,209,512	213,838	0	4,245,014
LBS/ACRE	11	38	87	11	19	0	39	35	0	14,015	61	0	65
ACRE TRTD/CNTY	0.1	0.3	0.6	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.1	0.0	1.0
LBS/ACRE CNTY	1.2	11.2	53.1	1.1	0.1	0.0	9.1	1.9	0.0	49.5	3.3	0.0	65.5
ACRES WHEAT	36,091	22,536	24,355	34,246	1,782	0	21,818	655	0	23,636	655	0	82,982
LBS	1,626,789	1,407,714	1,961,352	1,556,055	69,207	0	1,395,191	6,414	0	1,949,909	8,389	0	4,995,855
LBS/ACRE	45	63	81	45	39	0	64	10	0	83	13	0	60
ACRE TRTD/CNTY	1.6	1.0	1.0	1.5	0.1	0.0	0.9	0.0	0.0	1.0	0.0	0.0	3.6
LBS/ACRE CNTY	70.0	60.6	84.4	67.0	3.0	0.0	60.1	0.3	0.0	83.9	0.4	0.0	215.1
ACRES OATS	1,341	1,341	1,341	1,341	0	0	1,341	0	0	1,341	0	0	4,023
LBS	43,705	72,159	74,977	43,705	0	0	72,159	0	0	74,977	0	0	190,841
LBS/ACRE	33	54	56	33	0	0	54	0	0	56	0	0	47
ACRE TRTD/CNTY	0.6	0.6	0.6	0.6	0.0	0.0	0.6	0.0	0.0	0.6	0.0	0.0	1.7
LBS/ACRE CNTY	18.9	31.3	32.5	18.9	0.0	0.0	31.3	0.0	0.0	32.5	0.0	0.0	82.7
ACRES HAY	3,408	7,449	8,265	2,796	612	0	4,388	3,061	0	5,204	3,061	0	19,122
LBS	70,327	215,008	614,212	53,184	17,143	0	205,490	9,518	0	604,694	9,518	0	899,547
LBS/ACRE	21	29	74	19	28	0	47	3	0	116	3	0	47
ACRE TRTD/CNTY	0.3	0.6	0.7	0.2	0.0	0.0	0.4	0.2	0.0	0.4	0.2	0.0	1.5
LBS/ACRE CNTY	5.7	17.3	49.5	4.3	1.4	0.0	16.6	0.8	0.0	48.7	0.8	0.0	72.5
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	141,061	110,642	135,316	76,875	37,285	26,838	77,519	32,831	0	71,942	27,525	0	387,020
LBS	8,794,371	5,740,528	10,492,550	3,435,960	1,626,713	3,730,171	4,704,245	1,019,640	0	9,720,137	751,038	0	25,027,449
LBS/ACRE	62	52	78	45	44	139	61	31	0	135	27	0	65
ACRE TRTD/CNTY	0.9	0.7	0.9	0.5	0.2	0.2	0.5	0.2	0.0	0.5	0.2	0.0	2.5
LBS/ACRE CNTY	56.8	37.1	67.8	22.2	10.5	24.1	30.4	6.6	0.0	62.8	4.9	0.0	161.7

(TABLE 21) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND FORM OF APPLICATION USED IN WOOD COUNTY - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
WOOD	173	173	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********			95,274.0	7.3	114,284.0	8.1	45,842.1	5.7	3,133.3	3.0	7,351.4	3.7	3,127.3	24.5	269,012.1

** FORM APP **	NITROGEN	P2O5	K2O	N SOLID	N LIQUID	N GAS	P SOLID	P LIQUID	P GAS	K SOLID	K LIQUID	K GAS	TOTAL CROP
ACRES CORN	177,795	102,603	101,425	69,178	48,945	59,671	76,384	26,219	0	84,110	17,315	0	381,822
LBS	15,696,000	6,200,534	11,634,069	1,814,260	4,095,945	9,785,795	4,798,904	1,401,630	0	10,618,315	1,015,753	0	33,530,603
LBS/ACRE	88	60	115	26	84	164	63	54	0	126	59	0	88
ACRE TRTD/CNTY	1.9	1.1	1.1	0.7	0.5	0.6	0.8	0.3	0.0	0.9	0.2	0.0	4.0
LBS/ACRE CNTY	164.7	65.1	122.1	19.0	43.0	102.7	50.4	14.7	0.0	111.5	10.7	0.0	351.9
ACRES SOYBEANS	10,790	33,556	38,482	4,803	5,988	0	27,568	5,988	0	1,074	6,482	0	82,827
LBS	120,161	1,346,630	2,487,963	67,988	52,173	0	1,182,407	164,222	0	2,336,580	151,383	0	3,954,753
LBS/ACRE	11	40	65	14	9	0	43	27	0	2,175	23	0	48
ACRE TRTD/CNTY	0.1	0.3	0.3	0.0	0.1	0.0	0.2	0.1	0.0	0.0	0.1	0.0	0.7
LBS/ACRE CNTY	1.1	11.8	21.8	0.6	0.5	0.0	10.3	1.4	0.0	20.4	1.3	0.0	34.6
ACRES WHEAT	80,368	44,298	43,842	56,246	18,561	298	37,930	1,105	0	37,474	1,105	0	168,509
LBS	3,413,123	2,424,561	2,807,719	2,309,351	1,067,456	26,842	2,329,930	53,579	0	2,727,333	39,333	0	8,645,404
LBS/ACRE	43	55	64	41	58	90	61	49	0	73	36	0	51
ACRE TRTD/CNTY	1.8	1.0	1.0	1.2	0.4	0.0	0.8	0.0	0.0	0.8	0.0	0.0	3.7
LBS/ACRE CNTY	74.5	52.9	61.2	50.4	23.3	0.6	50.8	1.2	0.0	59.5	0.9	0.0	188.6
ACRES OATS	3,000	3,000	3,000	2,833	167	0	2,833	167	0	2,833	167	0	9,000
LBS	130,500	144,267	125,933	120,400	10,100	0	136,733	7,533	0	120,067	5,867	0	400,700
LBS/ACRE	44	48	42	43	61	0	48	45	0	42	35	0	45
ACRE TRTD/CNTY	1.0	1.0	1.0	0.9	0.1	0.0	0.9	0.1	0.0	0.9	0.1	0.0	2.9
LBS/ACRE CNTY	41.6	46.0	40.2	38.4	3.2	0.0	43.6	2.4	0.0	38.3	1.9	0.0	127.9
ACRES HAY	865	3,297	2,541	865	0	0	3,297	0	0	2,541	0	0	6,703
LBS	15,892	193,541	321,405	15,892	0	0	193,541	0	0	321,405	0	0	530,838
LBS/ACRE	18	59	127	18	0	0	59	0	0	127	0	0	79
ACRE TRTD/CNTY	0.1	0.4	0.3	0.1	0.0	0.0	0.4	0.0	0.0	0.3	0.0	0.0	0.9
LBS/ACRE CNTY	2.2	26.3	43.7	2.2	0.0	0.0	26.3	0.0	0.0	43.7	0.0	0.0	72.2
ACRES OTHER CP	2,996	3,490	1,735	1,918	976	0	2,600	788	0	1,731	4	0	8,220
LBS	124,294	245,649	379,861	112,490	9,967	0	226,049	14,906	0	379,853	8	0	749,804
LBS/ACRE	42	70	219	59	10	0	87	19	0	220	2	0	91
ACRE TRTD/CNTY	1.0	1.1	0.6	0.6	0.3	0.0	0.8	0.3	0.0	0.6	0.0	0.0	2.6
LBS/ACRE CNTY	39.7	78.5	121.5	36.0	3.2	0.0	72.3	4.8	0.0	121.5	0.0	0.0	239.8
ACRES CROPS	275,814	190,244	191,024	135,843	74,636	59,970	150,612	34,267	0	129,762	25,073	0	657,081
LBS	19,499,969	10,555,182	17,756,951	4,440,381	5,235,642	9,812,637	8,867,564	1,641,871	0	16,503,554	1,212,344	0	47,812,101
LBS/ACRE	71	56	93	33	70	164	59	48	0	127	48	0	73
ACRE TRTD/CNTY	1.0	0.7	0.7	0.5	0.3	0.2	0.6	0.1	0.0	0.5	0.1	0.0	2.4
LBS/ACRE CNTY	72.5	39.2	66.0	16.5	19.5	36.5	33.0	6.1	0.0	61.3	4.5	0.0	177.7

(TABLE 22) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND FORM OF APPLICATION USED IN ASHLAND COUNTY - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR ACRES	CORN FACTOR USED	SOYBEAN FACTOR ACRES	SOYBEAN FACTOR USED	WHEAT FACTOR ACRES	WHEAT FACTOR USED	OATS FACTOR ACRES	OATS FACTOR USED	HAY FACTOR ACRES	HAY FACTOR USED	OTHER CROP FACTOR ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
ASHLAND	5	5													
**********			48,029.4	3.4	20,871.0	3.1	9,771.4	3.5	4,960.8	5.1	34,103.4	2.9	0.0	0.0	117,736.0

** FORM APP **	NITROGEN	P2O5	K2O	N SOLID	N LIQUID	N GAS	P SOLID	P LIQUID	P GAS	K SOLID	K LIQUID	K GAS	TOTAL CROP
ACRES CORN	78,618	47,794	44,235	45,177	31,441	2,000	43,265	4,529	0	39,706	4,529	0	170,647
LBS	4,524,324	2,914,219	2,481,110	2,114,765	2,104,618	304,941	2,829,792	84,427	0	2,403,677	77,434	0	9,919,653
LBS/ACRE	58	61	56	47	67	153	65	19	0	61	17	0	58
ACRE TRTD/CNTY	1.6	1.0	0.9	0.9	0.7	0.0	0.9	0.1	0.0	0.8	0.1	0.0	3.6
LBS/ACRE CNTY	94.2	60.7	51.7	44.0	43.8	6.3	58.9	1.8	0.0	50.0	1.6	0.0	206.5
ACRES SOYBEANS	5,774	10,065	11,032	5,774	0	0	10,065	0	0	807	0	0	26,871
LBS	102,452	428,323	745,516	102,452	0	0	428,323	0	0	745,516	0	0	1,276,290
LBS/ACRE	18	43	68	18	0	0	43	0	0	924	0	0	48
ACRE TRTD/CNTY	0.3	0.5	0.5	0.3	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	1.3
LBS/ACRE CNTY	4.9	20.5	35.7	4.9	0.0	0.0	20.5	0.0	0.0	35.7	0.0	0.0	61.2
ACRES WHEAT	10,286	8,143	8,143	9,057	1,229	0	8,057	86	0	8,057	86	0	26,571
LBS	421,571	442,000	473,143	374,257	47,314	0	437,886	4,114	0	469,029	4,114	0	1,336,714
LBS/ACRE	41	54	58	41	39	0	54	48	0	58	48	0	50
ACRE TRTD/CNTY	1.1	0.8	0.8	0.9	0.1	0.0	0.8	0.0	0.0	0.8	0.0	0.0	2.7
LBS/ACRE CNTY	43.1	45.2	48.4	38.3	4.8	0.0	44.8	0.4	0.0	48.0	0.4	0.0	136.8
ACRES OATS	3,765	3,765	3,765	3,765	0	0	3,765	0	0	3,765	0	0	11,294
LBS	116,902	186,980	194,039	116,902	0	0	186,980	0	0	194,039	0	0	497,922
LBS/ACRE	31	50	52	31	0	0	50	0	0	52	0	0	44
ACRE TRTD/CNTY	0.8	0.8	0.8	0.8	0.0	0.0	0.8	0.0	0.0	0.8	0.0	0.0	2.3
LBS/ACRE CNTY	23.6	37.7	39.1	23.6	0.0	0.0	37.7	0.0	0.0	39.1	0.0	0.0	100.4
ACRES HAY	8,897	30,345	31,897	2,000	6,897	0	23,448	6,897	0	25,000	6,897	0	71,138
LBS	94,207	1,758,103	2,684,276	39,035	55,172	0	1,702,931	55,172	0	2,629,103	55,172	0	4,536,586
LBS/ACRE	11	58	84	20	8	0	73	8	0	105	8	0	64
ACRE TRTD/CNTY	0.3	0.9	0.9	0.1	0.2	0.0	0.7	0.2	0.0	0.7	0.2	0.0	2.1
LBS/ACRE CNTY	2.8	51.6	78.7	1.1	1.6	0.0	49.9	1.6	0.0	77.1	1.6	0.0	133.0
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	107,339	100,111	99,072	65,773	39,566	2,000	88,599	11,512	0	77,334	11,512	0	306,522
LBS	5,259,456	5,729,625	6,578,084	2,747,411	2,207,105	304,941	5,585,912	143,713	0	6,441,364	136,721	0	17,567,166
LBS/ACRE	49	57	66	42	56	153	63	13	0	83	12	0	57
ACRE TRTD/CNTY	0.9	0.9	0.8	0.6	0.3	0.0	0.8	0.1	0.0	0.7	0.1	0.0	2.6
LBS/ACRE CNTY	44.7	48.7	55.9	23.3	18.7	2.6	47.4	1.2	0.0	54.7	1.2	0.0	149.2

(TABLE 23) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND FORM OF APPLICATION USED IN CRAWFORD COUNTY - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
CRAWFORD	33	33	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********			62,461.5	6.5	82,426.5	6.8	26,787.2	4.7	1,903.2	9.3	9,476.2	4.2	0.0	0.0	183,054.7

** FORM APP **	NITROGEN	P2O5	K2O	N SOLID	N LIQUID	N GAS	P SOLID	P LIQUID	P GAS	K SOLID	K LIQUID	K GAS	TOTAL CROP
ACRES CORN	130,800	63,400	79,246	37,431	53,308	40,062	35,908	27,492	0	56,139	23,108	0	273,446
LBS	12,198,351	5,363,406	8,116,526	1,798,237	3,972,375	6,427,739	3,646,902	1,716,504	0	7,228,428	888,098	0	25,678,282
LBS/ACRE	93	85	102	48	75	160	102	62	0	129	38	0	94
ACRE TRTD/CNTY	2.1	1.0	1.3	0.6	0.9	0.6	0.6	0.4	0.0	0.9	0.4	0.0	4.4
LBS/ACRE CNTY	195.3	85.9	129.9	28.8	63.6	102.9	58.4	27.5	0.0	115.7	14.2	0.0	411.1
ACRES SOYBEANS	12,662	22,750	43,632	6,735	5,412	0	16,824	5,412	0	1,838	2,132	0	79,044
LBS	237,303	1,084,386	4,355,093	130,710	94,755	0	888,184	162,746	0	4,231,368	61,961	0	5,676,782
LBS/ACRE	19	48	100	19	18	0	53	30	0	2,302	29	0	72
ACRE TRTD/CNTY	0.2	0.3	0.5	0.1	0.1	0.0	0.2	0.1	0.0	0.0	0.0	0.0	1.0
LBS/ACRE CNTY	2.9	13.2	52.8	1.6	1.1	0.0	10.8	2.0	0.0	51.3	0.8	0.0	68.9
ACRES WHEAT	43,915	26,787	26,787	30,511	13,021	0	26,404	0	0	26,404	0	0	97,489
LBS	2,319,638	1,662,660	1,956,575	1,310,106	1,001,489	0	1,630,489	0	0	1,924,404	0	0	5,938,872
LBS/ACRE	53	62	73	43	77	0	62	0	0	73	0	0	61
ACRE TRTD/CNTY	1.6	1.0	1.0	1.1	0.5	0.0	1.0	0.0	0.0	1.0	0.0	0.0	3.6
LBS/ACRE CNTY	86.6	62.1	73.0	48.9	37.4	0.0	60.9	0.0	0.0	71.8	0.0	0.0	221.7
ACRES OATS	1,258	1,258	1,258	1,086	172	0	1,086	172	0	1,086	172	0	3,774
LBS	60,043	68,957	67,753	58,839	1,204	0	66,548	2,409	0	66,548	1,204	0	196,753
LBS/ACRE	48	55	54	54	7	0	61	14	0	61	7	0	52
ACRE TRTD/CNTY	0.7	0.7	0.7	0.6	0.1	0.0	0.6	0.1	0.0	0.6	0.1	0.0	2.0
LBS/ACRE CNTY	31.5	36.2	35.6	30.9	0.6	0.0	35.0	1.3	0.0	35.0	0.6	0.0	103.4
ACRES HAY	3,238	4,619	4,762	3,238	0	0	4,619	0	0	4,762	0	0	12,619
LBS	57,095	196,238	345,333	57,095	0	0	196,238	0	0	345,333	0	0	598,667
LBS/ACRE	18	43	73	18	0	0	43	0	0	73	0	0	47
ACRE TRTD/CNTY	0.3	0.5	0.5	0.3	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0	1.3
LBS/ACRE CNTY	6.0	20.7	36.4	6.0	0.0	0.0	20.7	0.0	0.0	36.4	0.0	0.0	63.2
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	191,873	118,814	155,686	79,001	71,913	40,062	84,841	33,076	0	90,229	25,412	0	466,373
LBS	14,872,430	8,375,646	14,841,280	3,354,987	5,069,824	6,427,739	6,428,362	1,881,658	0	13,796,081	951,264	0	38,089,356
LBS/ACRE	78	71	95	43	71	160	76	57	0	153	37	0	82
ACRE TRTD/CNTY	1.0	0.6	0.9	0.4	0.4	0.2	0.5	0.2	0.0	0.5	0.1	0.0	2.5
LBS/ACRE CNTY	81.2	45.8	81.1	18.3	27.7	35.1	35.1	10.3	0.0	75.4	5.2	0.0	208.1

(TABLE 24) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND FORM OF APPLICATION USED IN ERIE COUNTY - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
ERIE	43	43	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********			32,181.0	10.5	27,652.2	9.2	7,555.6	8.1	1,100.8	12.9	5,727.3	7.7	480.1	27.7	74,696.9

** FORM APP **	NITROGEN	P2O5	K2O	N SOLID	N LIQUID	N GAS	P SOLID	P LIQUID	P GAS	K SOLID	K LIQUID	K GAS	TOTAL CROP
ACRES CORN	65,114	36,248	39,914	34,800	7,467	22,848	33,067	3,181	0	36,733	3,181	0	141,276
LBS	5,921,276	2,538,628	3,786,343	1,780,362	445,276	3,695,638	2,474,819	63,810	0	3,761,638	24,705	0	12,246,247
LBS/ACRE	91	70	95	51	60	162	75	20	0	102	8	0	87
ACRE TRTD/CNTY	2.0	1.1	1.2	1.1	0.2	0.7	1.0	0.1	0.0	1.1	0.1	0.0	4.4
LBS/ACRE CNTY	184.0	78.9	117.7	55.3	13.8	114.8	76.9	2.0	0.0	116.9	0.8	0.0	380.5
ACRES SOYBEANS	10,207	15,152	24,880	5,913	4,294	0	10,859	4,294	0	967	4,294	0	50,239
LBS	92,696	599,174	2,023,120	82,044	10,652	0	570,696	28,478	0	1,994,641	28,478	0	2,714,989
LBS/ACRE	9	40	81	14	3	0	53	7	0	2,062	7	0	54
ACRE TRTD/CNTY	0.4	0.5	0.9	0.2	0.2	0.0	0.4	0.2	0.0	0.0	0.2	0.0	1.8
LBS/ACRE CNTY	3.4	21.7	73.2	3.0	0.4	0.0	20.6	1.0	0.0	72.1	1.0	0.0	98.2
ACRES WHEAT	10,531	6,815	6,815	9,012	1,519	0	6,815	0	0	6,815	0	0	24,161
LBS	470,667	341,432	360,395	339,482	131,185	0	341,432	0	0	360,395	0	0	1,172,494
LBS/ACRE	45	50	53	38	86	0	50	0	0	53	0	0	49
ACRE TRTD/CNTY	1.4	0.9	0.9	1.2	0.2	0.0	0.9	0.0	0.0	0.9	0.0	0.0	3.2
LBS/ACRE CNTY	62.3	45.2	47.7	44.9	17.4	0.0	45.2	0.0	0.0	47.7	0.0	0.0	155.2
ACRES OATS	1,101	1,101	1,101	1,101	0	0	1,101	0	0	1,101	0	0	3,302
LBS	48,194	47,915	42,954	48,194	0	0	47,915	0	0	42,954	0	0	139,062
LBS/ACRE	44	44	39	44	0	0	44	0	0	39	0	0	42
ACRE TRTD/CNTY	1.0	1.0	1.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	3.0
LBS/ACRE CNTY	43.8	43.5	39.0	43.8	0.0	0.0	43.5	0.0	0.0	39.0	0.0	0.0	126.3
ACRES HAY	0	2,286	4,234	0	0	0	2,286	0	0	4,234	0	0	6,520
LBS	0	170,182	868,572	0	0	0	170,182	0	0	868,572	0	0	1,038,753
LBS/ACRE	0	75	205	0	0	0	75	0	0	205	0	0	159
ACRE TRTD/CNTY	0.0	0.4	0.7	0.0	0.0	0.0	0.4	0.0	0.0	0.7	0.0	0.0	1.1
LBS/ACRE CNTY	0.0	29.7	151.7	0.0	0.0	0.0	29.7	0.0	0.0	151.7	0.0	0.0	181.4
ACRES OTHER CP	628	386	422	422	43	163	386	0	0	422	0	0	1,437
LBS	40,181	16,921	26,697	21,592	2,669	15,921	16,921	0	0	26,697	0	0	83,799
LBS/ACRE	64	44	63	51	62	98	44	0	0	63	0	0	58
ACRE TRTD/CNTY	1.3	0.8	0.9	0.9	0.1	0.3	0.8	0.0	0.0	0.9	0.0	0.0	3.0
LBS/ACRE CNTY	83.7	35.2	55.6	45.0	5.6	33.2	35.2	0.0	0.0	55.6	0.0	0.0	174.5
ACRES CROPS	87,581	61,987	77,367	51,249	13,322	23,010	54,513	7,474	0	50,273	7,474	0	226,934
LBS	6,573,013	3,714,251	7,108,079	2,271,673	589,782	3,711,559	3,621,964	92,288	0	7,054,896	53,183	0	17,395,344
LBS/ACRE	75	60	92	44	44	161	66	12	0	140	7	0	77
ACRE TRTD/CNTY	1.2	0.8	1.0	0.7	0.2	0.3	0.7	0.1	0.0	0.7	0.1	0.0	3.0
LBS/ACRE CNTY	88.0	49.7	95.2	30.4	7.9	49.7	48.5	1.2	0.0	94.4	0.7	0.0	232.9

(TABLE 25) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND FORM OF APPLICATION USED IN HURON COUNTY - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
			ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
HURON	77	77													
**********			60,661.0	11.8	84,021.7	9.2	20,262.5	8.0	4,322.2	9.0	9,764.7	6.8	259.9	128.7	179,292.1

** FORM APP **	NITROGEN	P2O5	K2O	N SOLID	N LIQUID	N GAS	P SOLID	P LIQUID	P GAS	K SOLID	K LIQUID	K GAS	TOTAL CROP
ACRES CORN	116,881	68,839	74,737	43,068	39,212	28,763	40,966	22,034	0	57,797	11,102	0	260,458
LBS	9,906,178	3,484,068	6,190,771	2,314,203	2,135,254	4,531,907	2,711,958	710,220	0	5,215,449	137,127	0	19,581,017
LBS/ACRE	85	51	83	54	55	158	66	32	0	90	12	0	75
ACRE TRTD/CNTY	1.9	1.1	1.2	0.7	0.6	0.5	0.7	0.4	0.0	1.0	0.2	0.0	4.3
LBS/ACRE CNTY	163.3	57.4	102.1	38.1	35.2	74.7	44.7	11.7	0.0	86.0	2.3	0.0	322.8
ACRES SOYBEANS	6,500	15,315	29,457	6,500	0	0	13,902	1,413	0	76	1,413	0	51,272
LBS	174,826	557,128	2,738,004	174,826	0	0	493,541	63,587	0	2,674,417	63,587	0	3,469,959
LBS/ACRE	27	36	93	27	0	0	36	45	0	35,150	45	0	68
ACRE TRTD/CNTY	0.1	0.2	0.4	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.6
LBS/ACRE CNTY	2.1	6.6	32.6	2.1	0.0	0.0	5.9	0.8	0.0	31.8	0.8	0.0	41.3
ACRES WHEAT	30,525	22,513	22,513	21,750	7,425	100	21,013	250	0	21,013	250	0	75,550
LBS	1,323,863	1,188,438	1,410,113	853,463	434,700	8,200	1,148,938	12,000	0	1,370,613	12,000	0	3,922,413
LBS/ACRE	43	53	63	39	59	82	55	48	0	65	48	0	52
ACRE TRTD/CNTY	1.5	1.1	1.1	1.1	0.4	0.0	1.0	0.0	0.0	1.0	0.0	0.0	3.7
LBS/ACRE CNTY	65.3	58.7	69.6	42.1	21.5	0.4	56.7	0.6	0.0	67.6	0.6	0.0	193.6
ACRES OATS	1,678	1,678	1,678	1,678	0	0	1,678	0	0	1,678	0	0	5,033
LBS	82,856	94,722	94,722	82,856	0	0	94,722	0	0	94,722	0	0	272,300
LBS/ACRE	49	57	57	49	0	0	57	0	0	57	0	0	54
ACRE TRTD/CNTY	0.4	0.4	0.4	0.4	0.0	0.0	0.4	0.0	0.0	0.4	0.0	0.0	1.2
LBS/ACRE CNTY	19.2	21.9	21.9	19.2	0.0	0.0	21.9	0.0	0.0	21.9	0.0	0.0	63.0
ACRES HAY	2,529	11,250	11,368	2,529	0	0	11,250	0	0	11,368	0	0	25,147
LBS	43,412	615,235	1,545,824	43,412	0	0	615,235	0	0	1,545,824	0	0	2,204,471
LBS/ACRE	17	55	136	17	0	0	55	0	0	136	0	0	88
ACRE TRTD/CNTY	0.3	1.2	1.2	0.3	0.0	0.0	1.2	0.0	0.0	1.2	0.0	0.0	2.6
LBS/ACRE CNTY	4.4	63.0	158.3	4.4	0.0	0.0	63.0	0.0	0.0	158.3	0.0	0.0	225.8
ACRES OTHER CP	551	413	413	549	2	0	413	0	0	413	0	0	1,378
LBS	35,001	35,325	59,055	34,908	93	0	35,325	0	0	59,055	0	0	129,381
LBS/ACRE	64	86	143	64	60	0	86	0	0	143	0	0	94
ACRE TRTD/CNTY	2.1	1.6	1.6	2.1	0.0	0.0	1.6	0.0	0.0	1.6	0.0	0.0	5.3
LBS/ACRE CNTY	134.7	135.9	227.2	134.3	0.4	0.0	135.9	0.0	0.0	227.2	0.0	0.0	497.8
ACRES CROPS	158,664	120,008	140,165	76,074	46,638	28,863	89,222	23,697	0	92,344	12,765	0	418,837
LBS	11,566,135	5,974,916	12,038,489	3,503,667	2,570,048	4,540,107	5,099,719	785,807	0	10,960,080	212,714	0	29,579,540
LBS/ACRE	73	50	86	46	55	157	57	33	0	119	17	0	71
ACRE TRTD/CNTY	0.9	0.7	0.8	0.4	0.3	0.2	0.5	0.1	0.0	0.5	0.1	0.0	2.3
LBS/ACRE CNTY	64.5	33.3	67.1	19.5	14.3	25.3	28.4	4.4	0.0	61.1	1.2	0.0	165.0

(TABLE 26) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND FORM OF APPLICATION USED IN LORAIN COUNTY - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
LORAIN	93	93	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********			27,989.7	9.7	48,584.4	7.7	8,916.7	9.6	2,414.3	7.0	14,721.5	7.9	0.0	0.0	102,626.6

** FORM APP **	NITROGEN	P2O5	K2O	N SOLID	N LIQUID	N GAS	P SOLID	P LIQUID	P GAS	K SOLID	K LIQUID	K GAS	TOTAL CROP
ACRES CORN	46,052	28,196	29,309	34,753	4,124	7,175	28,196	0	0	29,309	0	0	103,557
LBS	3,551,412	1,879,000	1,967,959	1,980,784	501,856	1,068,773	1,879,000	0	0	1,967,959	0	0	7,398,371
LBS/ACRE	77	67	67	57	122	149	67	0	0	67	0	0	71
ACRE TRTD/CNTY	1.6	1.0	1.0	1.2	0.1	0.3	1.0	0.0	0.0	1.0	0.0	0.0	3.7
LBS/ACRE CNTY	126.9	67.1	70.3	70.8	17.9	38.2	67.1	0.0	0.0	70.3	0.0	0.0	264.3
ACRES SOYBEANS	3,117	23,156	23,675	3,117	0	0	23,156	0	0	610	0	0	49,948
LBS	54,883	1,024,533	1,643,000	54,883	0	0	1,024,533	0	0	1,643,000	0	0	2,722,416
LBS/ACRE	18	44	69	18	0	0	44	0	0	2,692	0	0	55
ACRE TRTD/CNTY	0.1	0.5	0.5	0.1	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	1.0
LBS/ACRE CNTY	1.1	21.1	33.8	1.1	0.0	0.0	21.1	0.0	0.0	33.8	0.0	0.0	56.0
ACRES WHEAT	9,667	7,750	7,750	9,667	0	0	7,750	0	0	7,750	0	0	25,167
LBS	469,953	472,412	490,891	469,953	0	0	472,412	0	0	490,891	0	0	1,433,255
LBS/ACRE	49	61	63	49	0	0	61	0	0	63	0	0	57
ACRE TRTD/CNTY	1.1	0.9	0.9	1.1	0.0	0.0	0.9	0.0	0.0	0.9	0.0	0.0	2.8
LBS/ACRE CNTY	52.7	53.0	55.1	52.7	0.0	0.0	53.0	0.0	0.0	55.1	0.0	0.0	160.7
ACRES OATS	2,300	2,300	2,300	2,300	0	0	2,300	0	0	2,300	0	0	6,900
LBS	113,950	144,593	144,593	113,950	0	0	144,593	0	0	144,593	0	0	403,136
LBS/ACRE	50	63	63	50	0	0	63	0	0	63	0	0	58
ACRE TRTD/CNTY	1.0	1.0	1.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	2.9
LBS/ACRE CNTY	47.2	59.9	59.9	47.2	0.0	0.0	59.9	0.0	0.0	59.9	0.0	0.0	167.0
ACRES HAY	4,063	7,987	7,987	4,063	0	0	7,987	0	0	7,987	0	0	20,038
LBS	105,633	454,190	750,772	105,633	0	0	454,190	0	0	750,772	0	0	1,310,595
LBS/ACRE	26	57	94	26	0	0	57	0	0	94	0	0	65
ACRE TRTD/CNTY	0.3	0.5	0.5	0.3	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0	1.4
LBS/ACRE CNTY	7.2	30.9	51.0	7.2	0.0	0.0	30.9	0.0	0.0	51.0	0.0	0.0	89.0
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	65,198	69,389	71,022	53,899	4,124	7,175	69,389	0	0	47,957	0	0	205,609
LBS	4,295,832	3,974,727	4,997,214	2,725,203	501,856	1,068,773	3,974,727	0	0	4,997,214	0	0	13,267,773
LBS/ACRE	66	57	70	51	122	149	57	0	0	104	0	0	65
ACRE TRTD/CNTY	0.6	0.7	0.7	0.5	0.0	0.1	0.7	0.0	0.0	0.5	0.0	0.0	2.0
LBS/ACRE CNTY	41.9	38.7	48.7	26.6	4.9	10.4	38.7	0.0	0.0	48.7	0.0	0.0	129.3

(TABLE 27) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND FORM OF APPLICATION USED IN OTTAWA COUNTY - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
OTTAWA	123	123	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********			21,076.9	9.1	59,626.9	6.7	10,584.3	8.9	1,088.2	3.4	8,765.2	11.5	1,918.3	25.7	103,059.8

** FORM APP **	NITROGEN	P2O5	K2O	N SOLID	N LIQUID	N GAS	P SOLID	P LIQUID	P GAS	K SOLID	K LIQUID	K GAS	TOTAL CROP
ACRES CORN	39,440	19,637	28,209	14,868	18,000	6,571	16,341	2,418	879	24,912	2,418	879	87,286
LBS	3,153,923	1,068,484	2,409,670	301,626	2,074,604	777,692	917,934	122,418	28,132	2,298,901	96,703	14,066	6,632,077
LBS/ACRE	80	54	85	20	115	118	56	51	32	92	40	16	76
ACRE TRTD/CNTY	1.9	0.9	1.3	0.7	0.9	0.3	0.8	0.1	0.0	1.2	0.1	0.0	4.1
LBS/ACRE CNTY	149.6	50.7	114.3	14.3	98.4	36.9	43.6	5.8	1.3	109.1	4.6	0.7	314.7
ACRES SOYBEANS	15,896	24,448	24,448	14,105	1,791	0	22,657	1,791	0	179	1,791	0	64,791
LBS	221,075	935,194	1,443,851	211,970	9,105	0	906,090	29,105	0	1,414,746	29,105	0	2,600,119
LBS/ACRE	14	38	59	15	5	0	40	16	0	7,899	16	0	40
ACRE TRTD/CNTY	0.3	0.4	0.4	0.2	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	1.1
LBS/ACRE CNTY	3.7	15.7	24.2	3.6	0.2	0.0	15.2	0.5	0.0	23.7	0.5	0.0	43.6
ACRES WHEAT	16,449	10,303	10,303	10,303	6,146	0	10,303	0	0	10,303	0	0	37,056
LBS	628,921	676,888	700,921	286,832	342,090	0	676,888	0	0	700,921	0	0	2,006,730
LBS/ACRE	38	66	68	28	56	0	66	0	0	68	0	0	54
ACRE TRTD/CNTY	1.6	1.0	1.0	1.0	0.6	0.0	1.0	0.0	0.0	1.0	0.0	0.0	3.5
LBS/ACRE CNTY	59.4	64.0	66.2	27.1	32.3	0.0	64.0	0.0	0.0	66.2	0.0	0.0	189.6
ACRES OATS	882	882	882	882	0	0	882	0	0	882	0	0	2,647
LBS	34,941	47,118	47,118	34,941	0	0	47,118	0	0	47,118	0	0	129,177
LBS/ACRE	40	53	53	40	0	0	53	0	0	53	0	0	49
ACRE TRTD/CNTY	0.8	0.8	0.8	0.8	0.0	0.0	0.8	0.0	0.0	0.8	0.0	0.0	2.4
LBS/ACRE CNTY	32.1	43.3	43.3	32.1	0.0	0.0	43.3	0.0	0.0	43.3	0.0	0.0	118.7
ACRES HAY	3,157	4,470	4,470	3,157	0	0	4,470	0	0	4,470	0	0	12,096
LBS	48,730	178,783	404,313	48,730	0	0	178,783	0	0	404,313	0	0	631,826
LBS/ACRE	15	40	91	15	0	0	40	0	0	91	0	0	52
ACRE TRTD/CNTY	0.4	0.5	0.5	0.4	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0	1.4
LBS/ACRE CNTY	5.6	20.4	46.1	5.6	0.0	0.0	20.4	0.0	0.0	46.1	0.0	0.0	72.1
ACRES OTHER CP	3,553	1,876	1,899	1,732	1,101	720	1,876	0	0	1,899	0	0	7,327
LBS	271,413	199,315	547,031	124,739	92,685	53,988	199,315	0	0	547,031	0	0	1,017,759
LBS/ACRE	76	106	288	72	84	75	106	0	0	288	0	0	139
ACRE TRTD/CNTY	1.9	1.0	1.0	0.9	0.6	0.4	1.0	0.0	0.0	1.0	0.0	0.0	3.8
LBS/ACRE CNTY	141.5	103.9	285.2	65.0	48.3	28.1	103.9	0.0	0.0	285.2	0.0	0.0	530.6
ACRES CROPS	79,376	61,616	70,211	45,046	27,038	7,291	56,528	4,209	879	42,645	4,209	879	211,203
LBS	4,359,003	3,105,781	5,552,904	1,008,839	2,518,484	831,681	2,926,127	151,522	28,132	5,413,031	125,808	14,066	13,017,688
LBS/ACRE	55	50	79	22	93	114	52	36	32	127	30	16	62
ACRE TRTD/CNTY	0.8	0.6	0.7	0.4	0.3	0.1	0.5	0.0	0.0	0.4	0.0	0.0	2.0
LBS/ACRE CNTY	42.3	30.1	53.9	9.8	24.4	8.1	28.4	1.5	0.3	52.5	1.2	0.1	126.3

(TABLE 28) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND FORM OF APPLICATION USED IN RICHLAND COUNTY - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
RICHLAND	139	139	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********			45,478.7	9.4	33,736.8	9.5	13,295.8	7.1	4,988.9	9.0	21,809.5	6.3	0.0	0.0	119,309.8

** FORM APP **	NITROGEN	P2O5	K2O	N SOLID	N LIQUID	N GAS	P SOLID	P LIQUID	P GAS	K SOLID	K LIQUID	K GAS	TOTAL CROP
ACRES CORN	104,298	48,415	50,670	31,457	48,989	23,851	31,340	17,075	0	50,351	319	0	203,383
LBS	6,731,323	3,029,581	6,660,283	1,509,281	2,280,255	2,941,787	1,863,219	1,166,362	0	6,657,092	3,192	0	16,421,187
LBS/ACRE	65	63	131	48	47	123	60	68	0	132	10	0	81
ACRE TRTD/CNTY	2.3	1.1	1.1	0.7	1.1	0.5	0.7	0.4	0.0	1.1	0.0	0.0	4.5
LBS/ACRE CNTY	148.0	66.6	146.4	33.2	50.1	64.7	41.0	25.6	0.0	146.4	0.1	0.0	361.1
ACRES SOYBEANS	4,568	7,042	24,200	4,263	305	0	6,737	305	0	211	305	0	35,811
LBS	56,968	278,168	2,640,168	54,526	2,442	0	273,284	4,884	0	2,637,726	2,442	0	2,975,305
LBS/ACRE	13	40	109	13	8	0	41	16	0	12,529	8	0	83
ACRE TRTD/CNTY	0.1	0.2	0.7	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	1.1
LBS/ACRE CNTY	1.7	8.2	78.3	1.6	0.1	0.0	8.1	0.1	0.0	78.2	0.1	0.0	88.2
ACRES WHEAT	19,479	13,000	13,000	14,930	4,409	0	12,718	141	0	12,718	141	0	45,479
LBS	754,338	774,099	886,577	632,789	116,197	0	767,056	1,690	0	880,380	845	0	2,415,014
LBS/ACRE	39	60	68	42	26	0	60	12	0	69	6	0	53
ACRE TRTD/CNTY	1.5	1.0	1.0	1.1	0.3	0.0	1.0	0.0	0.0	1.0	0.0	0.0	3.4
LBS/ACRE CNTY	56.7	58.2	66.7	47.6	8.7	0.0	57.7	0.1	0.0	66.2	0.1	0.0	181.6
ACRES OATS	3,778	3,778	3,778	3,778	0	0	3,778	0	0	3,778	0	0	11,333
LBS	149,600	189,733	198,733	149,600	0	0	189,733	0	0	198,733	0	0	538,067
LBS/ACRE	40	50	53	40	0	0	50	0	0	53	0	0	48
ACRE TRTD/CNTY	0.8	0.8	0.8	0.8	0.0	0.0	0.8	0.0	0.0	0.8	0.0	0.0	2.3
LBS/ACRE CNTY	30.0	38.0	39.8	30.0	0.0	0.0	38.0	0.0	0.0	39.8	0.0	0.0	107.9
ACRES HAY	4,746	5,730	7,937	4,587	159	0	5,571	159	0	7,778	159	0	18,413
LBS	222,492	489,000	1,142,159	220,921	1,571	0	483,762	5,238	0	1,136,921	5,238	0	1,853,651
LBS/ACRE	47	85	144	48	10	0	87	33	0	146	33	0	101
ACRE TRTD/CNTY	0.2	0.3	0.4	0.2	0.0	0.0	0.3	0.0	0.0	0.4	0.0	0.0	0.8
LBS/ACRE CNTY	10.2	22.4	52.4	10.1	0.1	0.0	22.2	0.2	0.0	52.1	0.2	0.0	85.0
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	136,869	77,965	99,585	59,015	53,862	23,851	60,145	17,679	0	74,836	924	0	314,418
LBS	7,914,722	4,760,581	11,527,921	2,567,117	2,400,466	2,941,787	3,577,055	1,178,174	0	11,510,852	11,717	0	24,203,224
LBS/ACRE	58	61	116	44	45	123	60	67	0	154	13	0	77
ACRE TRTD/CNTY	1.1	0.7	0.8	0.5	0.5	0.2	0.5	0.1	0.0	0.6	0.0	0.0	2.6
LBS/ACRE CNTY	66.3	39.9	96.6	21.5	20.1	24.7	30.0	9.9	0.0	96.5	0.1	0.0	202.9

(TABLE 29) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND FORM OF APPLICATION USED IN SANDUSKY COUNTY - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
SANDUSKY	143	143	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********			64,388.9	7.2	86,100.0	7.0	15,394.4	7.1	1,198.2	11.1	7,000.0	9.0	9,446.2	13.0	183,527.6

** FORM APP **	NITROGEN	P2O5	K2O	N SOLID	N LIQUID	N GAS	P SOLID	P LIQUID	P GAS	K SOLID	K LIQUID	K GAS	TOTAL CROP
ACRES CORN	122,958	64,694	69,306	37,167	60,389	25,403	44,653	18,472	0	58,319	9,000	0	256,958
LBS	10,564,750	4,268,861	7,707,417	2,820,264	3,819,986	3,924,500	3,326,722	871,514	0	7,138,847	420,236	0	22,541,028
LBS/ACRE	86	66	111	76	63	155	75	47	0	122	47	0	88
ACRE TRTD/CNTY	1.9	1.0	1.1	0.6	0.9	0.4	0.7	0.3	0.0	0.9	0.1	0.0	4.0
LBS/ACRE CNTY	164.1	66.3	119.7	43.8	59.3	60.9	51.7	13.5	0.0	110.9	6.5	0.0	350.1
ACRES SOYBEANS	22,271	43,143	52,700	8,800	13,471	0	29,671	13,471	0	314	13,471	0	118,114
LBS	237,400	1,675,357	3,857,329	121,557	115,843	0	1,334,143	341,214	0	3,576,557	280,771	0	5,770,086
LBS/ACRE	11	39	73	14	9	0	45	25	0	11,380	21	0	49
ACRE TRTD/CNTY	0.3	0.5	0.6	0.1	0.2	0.0	0.3	0.2	0.0	0.0	0.2	0.0	1.4
LBS/ACRE CNTY	2.8	19.5	44.8	1.4	1.3	0.0	15.5	4.0	0.0	41.5	3.3	0.0	67.0
ACRES WHEAT	23,479	14,183	14,183	18,141	4,775	563	14,042	141	0	14,042	141	0	51,845
LBS	1,149,732	804,099	1,062,282	786,901	317,761	45,070	790,578	13,521	0	1,048,761	13,521	0	3,016,113
LBS/ACRE	49	57	75	43	67	80	56	96	0	75	96	0	58
ACRE TRTD/CNTY	1.5	0.9	0.9	1.2	0.3	0.0	0.9	0.0	0.0	0.9	0.0	0.0	3.4
LBS/ACRE CNTY	74.7	52.2	69.0	51.1	20.6	2.9	51.4	0.9	0.0	68.1	0.9	0.0	195.9
ACRES OATS	892	892	892	892	0	0	892	0	0	892	0	0	2,676
LBS	13,910	42,892	76,351	13,910	0	0	42,892	0	0	76,351	0	0	133,153
LBS/ACRE	16	48	86	16	0	0	48	0	0	86	0	0	50
ACRE TRTD/CNTY	0.7	0.7	0.7	0.7	0.0	0.0	0.7	0.0	0.0	0.7	0.0	0.0	2.2
LBS/ACRE CNTY	11.6	35.8	63.7	11.6	0.0	0.0	35.8	0.0	0.0	63.7	0.0	0.0	111.1
ACRES HAY	467	2,311	3,144	467	0	0	2,311	0	0	3,144	0	0	5,922
LBS	5,333	116,511	412,689	5,333	0	0	116,511	0	0	412,689	0	0	534,533
LBS/ACRE	11	50	131	11	0	0	50	0	0	131	0	0	90
ACRE TRTD/CNTY	0.1	0.3	0.4	0.1	0.0	0.0	0.3	0.0	0.0	0.4	0.0	0.0	0.8
LBS/ACRE CNTY	0.8	16.6	59.0	0.8	0.0	0.0	16.6	0.0	0.0	59.0	0.0	0.0	76.4
ACRES OTHER CP	10,254	6,237	10,160	7,554	2,700	0	5,399	839	0	9,829	331	0	26,651
LBS	412,346	403,474	1,652,988	267,015	145,331	0	359,883	43,591	0	1,649,257	3,731	0	2,468,808
LBS/ACRE	40	65	163	35	54	0	67	52	0	168	11	0	93
ACRE TRTD/CNTY	1.1	0.7	1.1	0.8	0.3	0.0	0.6	0.1	0.0	1.0	0.0	0.0	2.8
LBS/ACRE CNTY	43.7	42.7	175.0	28.3	15.4	0.0	38.1	4.6	0.0	174.6	0.4	0.0	261.4
ACRES CROPS	180,321	131,460	150,385	73,020	81,335	25,966	96,968	32,923	0	86,542	22,943	0	462,166
LBS	12,383,472	7,311,194	14,769,055	4,014,981	4,398,920	3,969,570	5,970,729	1,269,840	0	13,902,462	718,259	0	34,463,721
LBS/ACRE	69	56	98	55	54	153	62	39	0	161	31	0	75
ACRE TRTD/CNTY	1.0	0.7	0.8	0.4	0.4	0.1	0.5	0.2	0.0	0.5	0.1	0.0	2.5
LBS/ACRE CNTY	67.5	39.8	80.5	21.9	24.0	21.6	32.5	6.9	0.0	75.8	3.9	0.0	187.8

(TABLE 30) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND FORM OF APPLICATION USED IN SENECA COUNTY - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR ACRES	CORN FACTOR USED	SOYBEAN FACTOR ACRES	SOYBEAN FACTOR USED	WHEAT FACTOR ACRES	WHEAT FACTOR USED	OATS FACTOR ACRES	OATS FACTOR USED	HAY FACTOR ACRES	HAY FACTOR USED	OTHER CROP FACTOR ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
SENECA	147	147													
**********			73,927.9	11.1	116,881.2	10.1	30,027.5	10.9	4,480.5	7.7	14,280.0	5.0	3,711.9	15.1	243,309.1

** FORM APP **	NITROGEN	P2O5	K2O	N SOLID	N LIQUID	N GAS	P SOLID	P LIQUID	P GAS	K SOLID	K LIQUID	K GAS	TOTAL CROP
ACRES CORN	146,694	86,261	94,279	55,964	56,973	33,595	55,180	30,919	0	71,622	22,496	0	327,234
LBS	10,839,214	5,715,395	8,327,283	2,633,509	3,765,090	4,434,892	4,076,225	1,616,279	0	7,922,649	393,189	0	24,881,891
LBS/ACRE	74	66	88	47	66	132	74	52	0	111	18	0	76
ACRE TRTD/CNTY	2.0	1.2	1.3	0.8	0.8	0.5	0.7	0.4	0.0	1.0	0.3	0.0	4.4
LBS/ACRE CNTY	146.6	77.3	112.6	35.6	50.9	60.0	55.1	21.9	0.0	107.2	5.3	0.0	336.6
ACRES SOYBEANS	16,238	53,030	70,525	9,406	6,535	0	46,198	6,535	0	1,584	6,535	0	139,792
LBS	254,701	1,914,010	5,527,743	193,265	57,871	0	1,767,376	132,376	0	5,345,465	175,149	0	7,696,454
LBS/ACRE	16	36	78	21	9	0	38	20	0	3,374	27	0	55
ACRE TRTD/CNTY	0.1	0.5	0.6	0.1	0.1	0.0	0.4	0.1	0.0	0.0	0.1	0.0	1.2
LBS/ACRE CNTY	2.2	16.4	47.3	1.7	0.5	0.0	15.1	1.1	0.0	45.7	1.5	0.0	65.8
ACRES WHEAT	50,321	32,872	33,028	38,321	12,000	0	30,459	2,413	0	30,615	2,413	0	116,220
LBS	1,781,881	1,814,119	2,220,817	1,116,945	664,936	0	1,695,633	118,486	0	2,114,661	106,156	0	5,816,817
LBS/ACRE	35	55	67	29	55	0	56	49	0	69	44	0	50
ACRE TRTD/CNTY	1.7	1.1	1.1	1.3	0.4	0.0	1.0	0.1	0.0	1.0	0.1	0.0	3.9
LBS/ACRE CNTY	59.3	60.4	74.0	37.2	22.1	0.0	56.5	3.9	0.0	70.4	3.5	0.0	193.7
ACRES OATS	4,065	4,234	4,065	4,065	0	0	4,234	0	0	4,065	0	0	12,364
LBS	192,481	233,312	220,377	192,481	0	0	233,312	0	0	220,377	0	0	646,169
LBS/ACRE	47	55	54	47	0	0	55	0	0	54	0	0	52
ACRE TRTD/CNTY	0.9	0.9	0.9	0.9	0.0	0.0	0.9	0.0	0.0	0.9	0.0	0.0	2.8
LBS/ACRE CNTY	43.0	52.1	49.2	43.0	0.0	0.0	52.1	0.0	0.0	49.2	0.0	0.0	144.2
ACRES HAY	6,900	10,340	12,880	4,560	2,340	0	8,000	2,340	0	10,540	2,340	0	30,120
LBS	232,080	455,260	1,267,620	211,020	21,060	0	392,080	63,180	0	1,078,080	189,540	0	1,954,960
LBS/ACRE	34	44	98	46	9	0	49	27	0	102	81	0	65
ACRE TRTD/CNTY	0.5	0.7	0.9	0.3	0.2	0.0	0.6	0.2	0.0	0.7	0.2	0.0	2.1
LBS/ACRE CNTY	16.3	31.9	88.8	14.8	1.5	0.0	27.5	4.4	0.0	75.5	13.3	0.0	136.9
ACRES OTHER CP	5,033	3,576	3,576	2,119	2,914	0	2,119	1,457	0	3,576	0	0	12,185
LBS	399,371	451,589	922,583	89,040	310,331	0	160,199	291,391	0	922,583	0	0	1,773,543
LBS/ACRE	79	126	258	42	107	0	76	200	0	258	0	0	146
ACRE TRTD/CNTY	1.4	1.0	1.0	0.6	0.8	0.0	0.6	0.4	0.0	1.0	0.0	0.0	3.3
LBS/ACRE CNTY	107.6	121.7	248.5	24.0	83.6	0.0	43.2	78.5	0.0	248.5	0.0	0.0	477.8
ACRES CROPS	229,251	190,312	218,353	114,435	80,762	33,595	146,190	43,663	0	122,002	33,783	0	637,916
LBS	13,699,727	10,583,685	18,486,422	4,436,260	4,819,288	4,434,892	8,324,825	2,221,713	0	17,603,814	864,034	0	42,769,833
LBS/ACRE	60	56	85	39	60	132	57	51	0	144	26	0	67
ACRE TRTD/CNTY	0.9	0.8	0.9	0.5	0.3	0.1	0.6	0.2	0.0	0.5	0.1	0.0	2.6
LBS/ACRE CNTY	56.3	43.5	76.0	18.2	19.8	18.2	34.2	9.1	0.0	72.4	3.6	0.0	175.8

(TABLE 31) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND FORM OF APPLICATION USED IN WYANDOT COUNTY - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
WYANDOT	175	175	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********			55,413.8	5.8	89,688.5	6.1	34,148.1	5.4	1,492.5	6.7	8,754.4	5.7	0.0	0.0	189,497.4

** FORM APP **	NITROGEN	P2O5	K2O	N SOLID	N LIQUID	N GAS	P SOLID	P LIQUID	P GAS	K SOLID	K LIQUID	K GAS	TOTAL CROP
ACRES CORN	111,690	68,741	66,431	55,190	27,310	29,190	59,845	8,897	0	62,172	4,259	0	246,862
LBS	8,629,603	4,446,433	5,516,588	2,012,896	2,464,379	4,152,328	3,836,605	609,828	0	5,475,726	40,862	0	18,592,623
LBS/ACRE	77	65	83	37	90	142	64	69	0	88	10	0	75
ACRE TRTD/CNTY	2.0	1.2	1.2	1.0	0.5	0.5	1.1	0.2	0.0	1.1	0.1	0.0	4.5
LBS/ACRE CNTY	155.7	80.2	99.6	36.3	44.5	74.9	69.2	11.0	0.0	98.8	0.7	0.0	335.5
ACRES SOYBEANS	5,426	27,607	40,885	1,967	3,459	0	24,148	3,459	0	1,148	4,279	0	73,918
LBS	82,623	1,167,672	3,630,508	42,295	40,328	0	1,062,721	104,951	0	3,478,738	151,771	0	4,880,803
LBS/ACRE	15	42	89	22	12	0	44	30	0	3,032	36	0	66
ACRE TRTD/CNTY	0.1	0.3	0.5	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.8
LBS/ACRE CNTY	0.9	13.0	40.5	0.5	0.4	0.0	11.8	1.2	0.0	38.8	1.7	0.0	54.4
ACRES WHEAT	48,722	34,074	34,074	35,315	13,407	0	32,648	1,426	0	32,648	1,426	0	116,870
LBS	2,261,593	2,079,019	2,225,611	1,470,370	791,222	0	2,040,519	38,500	0	2,212,778	12,833	0	6,566,222
LBS/ACRE	46	61	65	42	59	0	63	27	0	68	9	0	56
ACRE TRTD/CNTY	1.4	1.0	1.0	1.0	0.4	0.0	1.0	0.0	0.0	1.0	0.0	0.0	3.4
LBS/ACRE CNTY	66.2	60.9	65.2	43.1	23.2	0.0	59.8	1.1	0.0	64.8	0.4	0.0	192.3
ACRES OATS	1,090	1,090	1,090	1,090	0	0	1,090	0	0	1,090	0	0	3,269
LBS	24,358	60,045	60,045	24,358	0	0	60,045	0	0	60,045	0	0	144,448
LBS/ACRE	22	55	55	22	0	0	55	0	0	55	0	0	44
ACRE TRTD/CNTY	0.7	0.7	0.7	0.7	0.0	0.0	0.7	0.0	0.0	0.7	0.0	0.0	2.2
LBS/ACRE CNTY	16.3	40.2	40.2	16.3	0.0	0.0	40.2	0.0	0.0	40.2	0.0	0.0	96.8
ACRES HAY	0	88	88	0	0	0	88	0	0	88	0	0	175
LBS	0	4,035	10,702	0	0	0	4,035	0	0	10,702	0	0	14,737
LBS/ACRE	0	46	122	0	0	0	46	0	0	122	0	0	84
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.5	1.2	0.0	0.0	0.0	0.5	0.0	0.0	1.2	0.0	0.0	1.7
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	166,928	131,599	142,568	93,561	44,177	29,190	117,818	13,782	0	97,145	9,963	0	441,095
LBS	10,998,176	7,757,203	11,443,454	3,549,919	3,295,929	4,152,328	7,003,925	753,278	0	11,237,988	205,466	0	30,198,833
LBS/ACRE	66	59	80	38	75	142	59	55	0	116	21	0	69
ACRE TRTD/CNTY	0.9	0.7	0.8	0.5	0.2	0.2	0.6	0.1	0.0	0.5	0.1	0.0	2.3
LBS/ACRE CNTY	58.0	40.9	60.4	18.7	17.4	21.9	37.0	4.0	0.0	59.3	1.1	0.0	159.4

(TABLE 32) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND FORM OF APPLICATION USED IN ASHTABULA COUNTY - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
ASHTABULA	7	7	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********			21,754.5	11.0	11,705.9	6.8	3,198.3	11.6	6,014.1	7.1	39,415.8	10.1	0.0	0.0	82,088.6

** FORM APP **	NITROGEN	P2O5	K2O	N SOLID	N LIQUID	N GAS	P SOLID	P LIQUID	P GAS	K SOLID	K LIQUID	K GAS	TOTAL CROP
ACRES CORN	29,646	22,509	23,900	28,246	673	727	22,509	0	0	23,900	0	0	76,055
LBS	2,409,436	1,684,209	2,148,636	2,271,491	78,309	59,636	1,684,209	0	0	2,148,636	0	0	6,242,282
LBS/ACRE	81	75	90	80	116	82	75	0	0	90	0	0	82
ACRE TRTD/CNTY	1.4	1.0	1.1	1.3	0.0	0.0	1.0	0.0	0.0	1.1	0.0	0.0	3.5
LBS/ACRE CNTY	110.8	77.4	98.8	104.4	3.6	2.7	77.4	0.0	0.0	98.8	0.0	0.0	286.9
ACRES SOYBEANS	6,103	7,412	10,353	6,103	0	0	7,412	0	0	956	0	0	23,868
LBS	112,324	371,779	968,985	112,324	0	0	371,779	0	0	968,985	0	0	1,453,088
LBS/ACRE	18	50	94	18	0	0	50	0	0	1,014	0	0	61
ACRE TRTD/CNTY	0.5	0.6	0.9	0.5	0.0	0.0	0.6	0.0	0.0	0.1	0.0	0.0	2.0
LBS/ACRE CNTY	9.6	31.8	82.8	9.6	0.0	0.0	31.8	0.0	0.0	82.8	0.0	0.0	124.1
ACRES WHEAT	3,009	2,853	2,853	2,922	86	0	2,767	86	0	2,767	86	0	8,716
LBS	210,069	146,103	171,862	208,000	2,069	0	144,035	2,069	0	169,793	2,069	0	528,035
LBS/ACRE	70	51	60	71	24	0	52	24	0	61	24	0	61
ACRE TRTD/CNTY	0.9	0.9	0.9	0.9	0.0	0.0	0.9	0.0	0.0	0.9	0.0	0.0	2.7
LBS/ACRE CNTY	65.7	45.7	53.7	65.0	0.6	0.0	45.0	0.6	0.0	53.1	0.6	0.0	165.1
ACRES OATS	5,761	5,761	5,761	5,761	0	0	5,761	0	0	5,761	0	0	17,282
LBS	160,944	327,282	348,028	160,944	0	0	327,282	0	0	348,028	0	0	836,254
LBS/ACRE	28	57	60	28	0	0	57	0	0	60	0	0	48
ACRE TRTD/CNTY	1.0	1.0	1.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	2.9
LBS/ACRE CNTY	26.8	54.4	57.9	26.8	0.0	0.0	54.4	0.0	0.0	57.9	0.0	0.0	139.0
ACRES HAY	10,475	12,327	12,327	10,475	0	0	12,327	0	0	12,327	0	0	35,129
LBS	274,248	516,871	816,970	274,248	0	0	516,871	0	0	816,970	0	0	1,608,089
LBS/ACRE	26	42	66	26	0	0	42	0	0	66	0	0	46
ACRE TRTD/CNTY	0.3	0.3	0.3	0.3	0.0	0.0	0.3	0.0	0.0	0.3	0.0	0.0	0.9
LBS/ACRE CNTY	7.0	13.1	20.7	7.0	0.0	0.0	13.1	0.0	0.0	20.7	0.0	0.0	40.8
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	54,993	50,862	55,194	53,507	759	727	50,775	86	0	45,710	86	0	161,048
LBS	3,167,020	3,046,245	4,454,482	3,027,006	80,378	59,636	3,044,176	2,069	0	4,452,413	2,069	0	10,667,747
LBS/ACRE	58	60	81	57	106	82	60	24	0	97	24	0	66
ACRE TRTD/CNTY	0.7	0.6	0.7	0.7	0.0	0.0	0.6	0.0	0.0	0.6	0.0	0.0	2.0
LBS/ACRE CNTY	38.6	37.1	54.3	36.9	1.0	0.7	37.1	0.0	0.0	54.2	0.0	0.0	130.0

(TABLE 33) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND FORM OF APPLICATION USED IN CUYAHOGA COUNTY - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR ACRES	CORN FACTOR USED	SOYBEAN FACTOR ACRES	SOYBEAN FACTOR USED	WHEAT FACTOR ACRES	WHEAT FACTOR USED	OATS FACTOR ACRES	OATS FACTOR USED	HAY FACTOR ACRES	HAY FACTOR USED	OTHER CROP FACTOR ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
CUYAHOGA	35	35	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,368.4	1.9	0.0	0.0	1,368.4
**********															

** FORM APP **	NITROGEN	P2O5	K2O	N SOLID	N LIQUID	N GAS	P SOLID	P LIQUID	P GAS	K SOLID	K LIQUID	K GAS	TOTAL CROP
ACRES CORN	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES SOYBEANS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES WHEAT	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES OATS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES HAY	579	579	579	579	0	0	579	0	0	579	0	0	1,737
LBS	11,368	23,158	41,684	11,368	0	0	23,158	0	0	41,684	0	0	76,211
LBS/ACRE	20	40	72	20	0	0	40	0	0	72	0	0	44
ACRE TRTD/CNTY	0.4	0.4	0.4	0.4	0.0	0.0	0.4	0.0	0.0	0.4	0.0	0.0	1.3
LBS/ACRE CNTY	8.3	16.9	30.5	8.3	0.0	0.0	16.9	0.0	0.0	30.5	0.0	0.0	55.7
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	579	579	579	579	0	0	579	0	0	579	0	0	1,737
LBS	11,368	23,158	41,684	11,368	0	0	23,158	0	0	41,684	0	0	76,211
LBS/ACRE	20	40	72	20	0	0	40	0	0	72	0	0	44
ACRE TRTD/CNTY	0.4	0.4	0.4	0.4	0.0	0.0	0.4	0.0	0.0	0.4	0.0	0.0	1.3
LBS/ACRE CNTY	8.3	16.9	30.5	8.3	0.0	0.0	16.9	0.0	0.0	30.5	0.0	0.0	55.7

(TABLE 34) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND FORM OF APPLICATION USED IN GEAUGA COUNTY - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR ACRES	CORN FACTOR USED	SOYBEAN FACTOR ACRES	SOYBEAN FACTOR USED	WHEAT FACTOR ACRES	WHEAT FACTOR USED	OATS FACTOR ACRES	OATS FACTOR USED	HAY FACTOR ACRES	HAY FACTOR USED	OTHER CROP FACTOR ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
GEAUGA	55	55													
**********			10,666.7	2.7	0.0	0.0	0.0	0.0	3,741.9	3.1	17,179.5	3.9	0.0	0.0	31,588.1

** FORM APP **	NITROGEN	P2O5	K2O	N SOLID	N LIQUID	N GAS	P SOLID	P LIQUID	P GAS	K SOLID	K LIQUID	K GAS	TOTAL CROP
ACRES CORN	16,259	11,333	11,333	16,259	0	0	11,333	0	0	11,333	0	0	38,926
LBS	756,704	593,148	593,148	756,704	0	0	593,148	0	0	593,148	0	0	1,943,000
LBS/ACRE	47	52	52	47	0	0	52	0	0	52	0	0	50
ACRE TRTD/CNTY	1.5	1.1	1.1	1.5	0.0	0.0	1.1	0.0	0.0	1.1	0.0	0.0	3.6
LBS/ACRE CNTY	70.9	55.6	55.6	70.9	0.0	0.0	55.6	0.0	0.0	55.6	0.0	0.0	182.2
ACRES SOYBEANS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES WHEAT	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES OATS	3,548	3,548	3,548	3,548	0	0	3,548	0	0	3,548	0	0	10,645
LBS	116,387	203,484	203,484	116,387	0	0	203,484	0	0	203,484	0	0	523,355
LBS/ACRE	33	57	57	33	0	0	57	0	0	57	0	0	49
ACRE TRTD/CNTY	0.9	0.9	0.9	0.9	0.0	0.0	0.9	0.0	0.0	0.9	0.0	0.0	2.8
LBS/ACRE CNTY	31.1	54.4	54.4	31.1	0.0	0.0	54.4	0.0	0.0	54.4	0.0	0.0	139.9
ACRES HAY	2,103	11,897	13,487	2,103	0	0	11,897	0	0	13,487	0	0	27,487
LBS	60,323	661,051	1,068,615	60,323	0	0	661,051	0	0	1,068,615	0	0	1,789,990
LBS/ACRE	29	56	79	29	0	0	56	0	0	79	0	0	65
ACRE TRTD/CNTY	0.1	0.7	0.8	0.1	0.0	0.0	0.7	0.0	0.0	0.8	0.0	0.0	1.6
LBS/ACRE CNTY	3.5	38.5	62.2	3.5	0.0	0.0	38.5	0.0	0.0	62.2	0.0	0.0	104.2
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	21,910	26,779	28,369	21,910	0	0	26,779	0	0	28,369	0	0	77,058
LBS	933,414	1,457,683	1,865,247	933,414	0	0	1,457,683	0	0	1,865,247	0	0	4,256,344
LBS/ACRE	43	54	66	43	0	0	54	0	0	66	0	0	55
ACRE TRTD/CNTY	0.7	0.8	0.9	0.7	0.0	0.0	0.8	0.0	0.0	0.9	0.0	0.0	2.4
LBS/ACRE CNTY	29.5	46.1	59.0	29.5	0.0	0.0	46.1	0.0	0.0	59.0	0.0	0.0	134.7

(TABLE 35) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND FORM OF APPLICATION USED IN LAKE COUNTY - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR ACRES	CORN FACTOR USED	SOYBEAN FACTOR ACRES	SOYBEAN FACTOR USED	WHEAT FACTOR ACRES	WHEAT FACTOR USED	OATS FACTOR ACRES	OATS FACTOR USED	HAY FACTOR ACRES	HAY FACTOR USED	OTHER CROP FACTOR ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
LAKE	85	85													
**********			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,833.3	2.4	0.0	0.0	3,833.3

** FORM APP **	NITROGEN	P2O5	K2O	N SOLID	N LIQUID	N GAS	P SOLID	P LIQUID	P GAS	K SOLID	K LIQUID	K GAS	TOTAL CROP
ACRES CORN	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES SOYBEANS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES WHEAT	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES OATS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES HAY	3,125	3,375	3,375	3,125	0	0	3,208	0	0	3,208	0	0	9,875
LBS	77,500	85,000	118,000	77,500	0	0	81,333	0	0	85,000	0	0	280,500
LBS/ACRE	25	25	35	25	0	0	25	0	0	27	0	0	28
ACRE TRTD/CNTY	0.8	0.9	0.9	0.8	0.0	0.0	0.8	0.0	0.0	0.8	0.0	0.0	2.6
LBS/ACRE CNTY	20.2	22.2	30.8	20.2	0.0	0.0	21.2	0.0	0.0	22.2	0.0	0.0	73.2
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	3,125	3,375	3,375	3,125	0	0	3,208	0	0	3,208	0	0	9,875
LBS	77,500	85,000	118,000	77,500	0	0	81,333	0	0	85,000	0	0	280,500
LBS/ACRE	25	25	35	25	0	0	25	0	0	27	0	0	28
ACRE TRTD/CNTY	0.8	0.9	0.9	0.8	0.0	0.0	0.8	0.0	0.0	0.8	0.0	0.0	2.6
LBS/ACRE CNTY	20.2	22.2	30.8	20.2	0.0	0.0	21.2	0.0	0.0	22.2	0.0	0.0	73.2

(TABLE 36) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND FORM OF APPLICATION USED IN MEDINA COUNTY - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN ACRES	CORN FACTOR USED	SOYBEAN ACRES	SOYBEAN FACTOR USED	WHEAT ACRES	WHEAT FACTOR USED	OATS ACRES	OATS FACTOR USED	HAY ACRES	HAY FACTOR USED	OTHER CROP ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
MEDINA	103	103													
**********			27,571.4	7.0	20,566.7	6.0	6,263.2	3.8	3,476.9	6.5	23,051.3	3.9	0.0	0.0	80,929.5

** FORM APP **	NITROGEN	P2O5	K2O	N SOLID	N LIQUID	N GAS	P SOLID	P LIQUID	P GAS	K SOLID	K LIQUID	K GAS	TOTAL CROP
ACRES CORN	50,843	27,771	26,214	31,371	4,471	13,571	26,271	71	0	24,714	71	0	104,829
LBS	4,003,779	1,786,507	2,121,136	1,363,936	488,415	2,087,143	1,622,293	1,357	0	1,862,636	1,357	0	7,911,422
LBS/ACRE	79	64	81	44	109	154	62	19	0	75	19	0	76
ACRE TRTD/CNTY	1.8	1.0	1.0	1.1	0.2	0.5	1.0	0.0	0.0	0.9	0.0	0.0	3.8
LBS/ACRE CNTY	145.2	64.8	76.9	49.5	17.7	75.7	58.8	0.0	0.0	67.6	0.0	0.0	286.9
ACRES SOYBEANS	10,967	17,950	17,950	10,133	833	0	17,117	833	0	500	0	0	46,867
LBS	238,646	938,350	1,210,167	221,979	16,667	0	885,017	53,333	0	1,210,167	0	0	2,387,163
LBS/ACRE	22	52	67	22	20	0	52	64	0	2,420	0	0	51
ACRE TRTD/CNTY	0.5	0.9	0.9	0.5	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	2.3
LBS/ACRE CNTY	11.6	45.6	58.8	10.8	0.8	0.0	43.0	2.6	0.0	58.8	0.0	0.0	116.1
ACRES WHEAT	7,447	5,658	5,658	5,605	1,842	0	3,816	1,842	0	3,816	1,842	0	18,763
LBS	314,053	491,790	455,158	198,000	116,053	0	396,000	95,790	0	359,368	95,790	0	1,261,000
LBS/ACRE	42	87	80	35	63	0	104	52	0	94	52	0	67
ACRE TRTD/CNTY	1.2	0.9	0.9	0.9	0.3	0.0	0.6	0.3	0.0	0.6	0.3	0.0	3.0
LBS/ACRE CNTY	50.1	78.5	72.7	31.6	18.5	0.0	63.2	15.3	0.0	57.4	15.3	0.0	201.3
ACRES OATS	3,262	3,262	3,262	3,262	0	0	3,262	0	0	3,262	0	0	9,785
LBS	90,585	182,692	182,692	90,585	0	0	182,692	0	0	182,692	0	0	455,969
LBS/ACRE	28	56	56	28	0	0	56	0	0	56	0	0	47
ACRE TRTD/CNTY	0.9	0.9	0.9	0.9	0.0	0.0	0.9	0.0	0.0	0.9	0.0	0.0	2.8
LBS/ACRE CNTY	26.1	52.5	52.5	26.1	0.0	0.0	52.5	0.0	0.0	52.5	0.0	0.0	131.1
ACRES HAY	3,974	8,692	23,564	2,692	1,282	0	7,410	1,282	0	22,282	1,282	0	36,231
LBS	49,641	421,333	2,719,077	34,256	15,385	0	370,051	51,282	0	2,565,231	153,846	0	3,190,051
LBS/ACRE	13	49	115	13	12	0	50	40	0	115	120	0	88
ACRE TRTD/CNTY	0.2	0.4	1.0	0.1	0.1	0.0	0.3	0.1	0.0	1.0	0.1	0.0	1.6
LBS/ACRE CNTY	2.2	18.3	118.0	1.5	0.7	0.0	16.1	2.2	0.0	111.3	6.7	0.0	138.4
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	76,493	63,333	76,648	53,064	8,429	13,571	57,876	4,029	0	54,574	3,196	0	216,474
LBS	4,696,703	3,820,672	6,688,229	1,908,756	636,518	2,087,143	3,456,053	201,762	0	6,180,094	250,993	0	15,205,604
LBS/ACRE	61	60	87	36	76	154	60	50	0	113	79	0	70
ACRE TRTD/CNTY	0.9	0.8	0.9	0.7	0.1	0.2	0.7	0.0	0.0	0.7	0.0	0.0	2.7
LBS/ACRE CNTY	58.0	47.2	82.6	23.6	7.9	25.8	42.7	2.5	0.0	76.4	3.1	0.0	187.9

(TABLE 37) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND FORM OF APPLICATION USED IN PORTAGE COUNTY - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR ACRES	CORN FACTOR USED	SOYBEAN FACTOR ACRES	SOYBEAN FACTOR USED	WHEAT FACTOR ACRES	WHEAT FACTOR USED	OATS FACTOR ACRES	OATS FACTOR USED	HAY FACTOR ACRES	HAY FACTOR USED	OTHER CROP FACTOR ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
PORTAGE	133	133													
**********			26,017.5	5.7	10,580.6	3.1	5,882.4	3.4	3,094.6	7.4	17,072.7	5.5	0.0	0.0	62,647.9

** FORM APP **	NITROGEN	P205	K20	N SOLID	N LIQUID	N GAS	P SOLID	P LIQUID	P GAS	K SOLID	K LIQUID	K GAS	TOTAL CROP
ACRES CORN	51,737	35,895	32,404	30,895	16,088	4,754	25,316	10,579	0	32,404	0	0	120,035
LBS	3,206,439	1,653,702	2,340,895	2,071,456	510,246	624,737	1,373,754	279,947	0	2,340,895	0	0	7,201,035
LBS/ACRE	62	46	72	67	32	131	54	27	0	72	0	0	60
ACRE TRTD/CNTY	2.0	1.4	1.2	1.2	0.6	0.2	1.0	0.4	0.0	1.2	0.0	0.0	4.6
LBS/ACRE CNTY	123.2	63.6	90.0	79.6	19.6	24.0	52.8	10.8	0.0	90.0	0.0	0.0	276.8
ACRES SOYBEANS	4,484	2,000	4,774	3,065	1,419	0	581	1,419	0	2,258	0	0	11,258
LBS	173,032	62,645	508,000	157,419	15,613	0	18,645	44,000	0	337,677	0	0	743,677
LBS/ACRE	39	31	106	51	11	0	32	31	0	150	0	0	66
ACRE TRTD/CNTY	0.4	0.2	0.5	0.3	0.1	0.0	0.1	0.1	0.0	0.2	0.0	0.0	1.1
LBS/ACRE CNTY	16.4	5.9	48.0	14.9	1.5	0.0	1.8	4.2	0.0	31.9	0.0	0.0	70.3
ACRES WHEAT	6,647	6,029	6,029	6,206	441	0	6,029	0	0	6,029	0	0	18,706
LBS	172,176	341,323	351,618	156,294	15,882	0	341,323	0	0	351,618	0	0	865,117
LBS/ACRE	26	57	58	25	36	0	57	0	0	58	0	0	46
ACRE TRTD/CNTY	1.1	1.0	1.0	1.1	0.1	0.0	1.0	0.0	0.0	1.0	0.0	0.0	3.2
LBS/ACRE CNTY	29.3	58.0	59.8	26.6	2.7	0.0	58.0	0.0	0.0	59.8	0.0	0.0	147.1
ACRES OATS	2,824	2,824	2,824	2,824	0	0	2,824	0	0	2,824	0	0	8,473
LBS	82,568	161,392	163,176	82,568	0	0	161,392	0	0	163,176	0	0	407,135
LBS/ACRE	29	57	58	29	0	0	57	0	0	58	0	0	48
ACRE TRTD/CNTY	0.9	0.9	0.9	0.9	0.0	0.0	0.9	0.0	0.0	0.9	0.0	0.0	2.7
LBS/ACRE CNTY	26.7	52.2	52.7	26.7	0.0	0.0	52.2	0.0	0.0	52.7	0.0	0.0	131.6
ACRES HAY	2,564	7,236	10,473	2,564	0	0	7,236	0	0	10,473	0	0	20,273
LBS	128,691	344,164	1,469,673	128,691	0	0	344,164	0	0	1,469,673	0	0	1,942,527
LBS/ACRE	50	48	140	50	0	0	48	0	0	140	0	0	96
ACRE TRTD/CNTY	0.2	0.4	0.6	0.2	0.0	0.0	0.4	0.0	0.0	0.6	0.0	0.0	1.2
LBS/ACRE CNTY	7.5	20.2	86.1	7.5	0.0	0.0	20.2	0.0	0.0	86.1	0.0	0.0	113.8
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	68,256	53,985	56,504	45,553	17,948	4,754	41,987	11,998	0	53,988	0	0	178,745
LBS	3,762,906	2,563,226	4,833,361	2,596,428	541,741	624,737	2,239,279	323,947	0	4,663,038	0	0	11,159,492
LBS/ACRE	55	48	86	57	30	131	53	27	0	86	0	0	62
ACRE TRTD/CNTY	1.1	0.9	0.9	0.7	0.3	0.1	0.7	0.2	0.0	0.9	0.0	0.0	2.9
LBS/ACRE CNTY	60.1	40.9	77.2	41.4	8.6	10.0	35.7	5.2	0.0	74.4	0.0	0.0	178.1

(TABLE 38) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND FORM OF APPLICATION USED IN SUMMIT COUNTY - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR ACRES	CORN FACTOR USED	SOYBEAN FACTOR ACRES	SOYBEAN FACTOR USED	WHEAT FACTOR ACRES	WHEAT FACTOR USED	OATS FACTOR ACRES	OATS FACTOR USED	HAY FACTOR ACRES	HAY FACTOR USED	OTHER CROP FACTOR ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
SUMMIT	153	153													
**********			3,906.5	10.7	1,583.3	3.6	1,102.2	18.6	1,000.0	22.9	4,484.4	6.4	0.0	0.0	12,076.4

** FORM APP **	NITROGEN	P2O5	K2O	N SOLID	N LIQUID	N GAS	P SOLID	P LIQUID	P GAS	K SOLID	K LIQUID	K GAS	TOTAL CROP
ACRES CORN	5,495	3,907	3,907	3,065	2,430	0	3,065	841	0	3,065	841	0	13,308
LBS	252,430	227,804	174,813	121,822	130,608	0	164,720	63,084	0	164,720	10,094	0	655,047
LBS/ACRE	46	58	45	40	54	0	54	75	0	54	12	0	49
ACRE TRTD/CNTY	1.4	1.0	1.0	0.8	0.6	0.0	0.8	0.2	0.0	0.8	0.2	0.0	3.4
LBS/ACRE CNTY	64.6	58.3	44.7	31.2	33.4	0.0	42.2	16.1	0.0	42.2	2.6	0.0	167.7
ACRES SOYBEANS	750	750	750	750	0	0	750	0	0	556	0	0	2,250
LBS	23,500	34,000	34,000	23,500	0	0	34,000	0	0	34,000	0	0	91,500
LBS/ACRE	31	45	45	31	0	0	45	0	0	61	0	0	41
ACRE TRTD/CNTY	0.5	0.5	0.5	0.5	0.0	0.0	0.5	0.0	0.0	0.4	0.0	0.0	1.4
LBS/ACRE CNTY	14.8	21.5	21.5	14.8	0.0	0.0	21.5	0.0	0.0	21.5	0.0	0.0	57.8
ACRES WHEAT	1,290	1,102	1,102	1,102	188	0	1,102	0	0	1,102	0	0	3,495
LBS	44,946	71,290	71,290	39,113	5,833	0	71,290	0	0	71,290	0	0	187,527
LBS/ACRE	35	65	65	36	31	0	65	0	0	65	0	0	54
ACRE TRTD/CNTY	1.2	1.0	1.0	1.0	0.2	0.0	1.0	0.0	0.0	1.0	0.0	0.0	3.2
LBS/ACRE CNTY	40.8	64.7	64.7	35.5	5.3	0.0	64.7	0.0	0.0	64.7	0.0	0.0	170.1
ACRES OATS	1,153	1,000	1,000	1,000	153	0	1,000	0	0	1,000	0	0	3,153
LBS	44,879	61,321	61,321	35,403	9,476	0	61,321	0	0	61,321	0	0	167,520
LBS/ACRE	39	61	61	35	62	0	61	0	0	61	0	0	53
ACRE TRTD/CNTY	1.2	1.0	1.0	1.0	0.2	0.0	1.0	0.0	0.0	1.0	0.0	0.0	3.2
LBS/ACRE CNTY	44.9	61.3	61.3	35.4	9.5	0.0	61.3	0.0	0.0	61.3	0.0	0.0	167.5
ACRES HAY	578	1,984	1,984	578	0	0	1,984	0	0	1,984	0	0	4,547
LBS	8,813	96,000	276,000	8,813	0	0	96,000	0	0	276,000	0	0	380,813
LBS/ACRE	15	48	139	15	0	0	48	0	0	139	0	0	84
ACRE TRTD/CNTY	0.1	0.4	0.4	0.1	0.0	0.0	0.4	0.0	0.0	0.4	0.0	0.0	1.0
LBS/ACRE CNTY	2.0	21.4	61.5	2.0	0.0	0.0	21.4	0.0	0.0	61.5	0.0	0.0	84.9
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	9,267	8,743	8,743	6,496	2,771	0	7,902	841	0	7,708	841	0	26,753
LBS	374,567	490,415	617,424	228,650	145,917	0	427,331	63,084	0	607,331	10,094	0	1,482,406
LBS/ACRE	40	56	71	35	53	0	54	75	0	79	12	0	55
ACRE TRTD/CNTY	0.8	0.7	0.7	0.5	0.2	0.0	0.7	0.1	0.0	0.6	0.1	0.0	2.2
LBS/ACRE CNTY	31.0	40.6	51.1	18.9	12.1	0.0	35.4	5.2	0.0	50.3	0.8	0.0	122.8

(TABLE 39) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND FORM OF APPLICATION USED IN TRUMBULL COUNTY - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR ACRES	CORN FACTOR USED	SOYBEAN FACTOR ACRES	SOYBEAN FACTOR USED	WHEAT FACTOR ACRES	WHEAT FACTOR USED	OATS FACTOR ACRES	OATS FACTOR USED	HAY FACTOR ACRES	HAY FACTOR USED	OTHER CROP FACTOR ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
TRUMBULL	155	155													
**********			17,700.0	11.0	12,867.6	6.8	3,113.6	8.8	3,505.3	9.5	22,316.7	6.0	0.0	0.0	59,503.2

** FORM APP **	NITROGEN	P2O5	K2O	N SOLID	N LIQUID	N GAS	P SOLID	P LIQUID	P GAS	K SOLID	K LIQUID	K GAS	TOTAL CROP
ACRES CORN	32,246	18,282	26,000	18,773	3,655	9,818	16,482	1,264	536	25,373	91	536	76,527
LBS	2,334,862	1,237,848	1,880,196	617,198	371,627	1,346,037	1,146,066	66,036	25,746	1,854,087	364	25,746	5,452,906
LBS/ACRE	72	68	72	33	102	137	70	52	48	73	4	48	71
ACRE TRTD/CNTY	1.8	1.0	1.5	1.1	0.2	0.6	0.9	0.1	0.0	1.4	0.0	0.0	4.3
LBS/ACRE CNTY	131.9	69.9	106.2	34.9	21.0	76.0	64.7	3.7	1.5	104.8	0.0	1.5	308.1
ACRES SOYBEANS	3,956	6,485	8,897	3,956	0	0	5,235	1,250	0	515	1,250	0	19,338
LBS	66,118	356,529	738,059	66,118	0	0	291,529	65,000	0	673,059	65,000	0	1,160,706
LBS/ACRE	17	55	83	17	0	0	56	52	0	1,308	52	0	60
ACRE TRTD/CNTY	0.3	0.5	0.7	0.3	0.0	0.0	0.4	0.1	0.0	0.0	0.1	0.0	1.5
LBS/ACRE CNTY	5.1	27.7	57.4	5.1	0.0	0.0	22.7	5.1	0.0	52.3	5.1	0.0	90.2
ACRES WHEAT	5,091	3,000	3,000	4,409	682	0	2,818	182	0	2,818	182	0	11,091
LBS	172,921	147,989	156,818	140,648	32,273	0	146,716	1,273	0	155,546	1,273	0	477,727
LBS/ACRE	34	49	52	32	47	0	52	7	0	55	7	0	43
ACRE TRTD/CNTY	1.6	1.0	1.0	1.4	0.2	0.0	0.9	0.1	0.0	0.9	0.1	0.0	3.6
LBS/ACRE CNTY	55.5	47.5	50.4	45.2	10.4	0.0	47.1	0.4	0.0	50.0	0.4	0.0	153.4
ACRES OATS	3,347	3,347	3,347	3,305	42	0	3,305	42	0	3,305	42	0	10,042
LBS	111,395	169,247	154,426	111,311	84	0	169,163	84	0	154,342	84	0	435,068
LBS/ACRE	33	51	46	34	2	0	51	2	0	47	2	0	43
ACRE TRTD/CNTY	1.0	1.0	1.0	0.9	0.0	0.0	0.9	0.0	0.0	0.9	0.0	0.0	2.9
LBS/ACRE CNTY	31.8	48.3	44.1	31.8	0.0	0.0	48.3	0.0	0.0	44.0	0.0	0.0	124.1
ACRES HAY	6,617	10,200	14,533	6,617	0	0	10,200	0	0	14,533	0	0	31,350
LBS	122,200	525,933	1,646,733	122,200	0	0	525,933	0	0	1,646,733	0	0	2,294,867
LBS/ACRE	19	52	113	19	0	0	52	0	0	113	0	0	73
ACRE TRTD/CNTY	0.3	0.5	0.7	0.3	0.0	0.0	0.5	0.0	0.0	0.7	0.0	0.0	1.4
LBS/ACRE CNTY	5.5	23.6	73.8	5.5	0.0	0.0	23.6	0.0	0.0	73.8	0.0	0.0	102.8
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	51,256	41,315	55,778	37,060	4,379	9,818	38,041	2,738	536	46,544	1,565	536	148,349
LBS	2,807,495	2,437,547	4,576,233	1,057,474	403,984	1,346,037	2,279,408	132,393	25,746	4,483,767	66,721	25,746	9,821,275
LBS/ACRE	55	59	82	29	92	137	60	48	48	96	43	48	66
ACRE TRTD/CNTY	0.9	0.7	0.9	0.6	0.1	0.2	0.6	0.0	0.0	0.8	0.0	0.0	2.5
LBS/ACRE CNTY	47.2	41.0	76.9	17.8	6.8	22.6	38.3	2.2	0.4	75.4	1.1	0.4	165.1

(TABLE 40) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND FORM OF APPLICATION USED IN AUGLAIZE COUNTY - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
AUGLAIZE	11	11	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********			57,816.3	4.9	73,771.9	5.7	23,869.6	6.9	2,807.2	8.3	15,591.8	4.9	0.0	0.0	173,856.9

** FORM APP **	NITROGEN	P2O5	K2O	N SOLID	N LIQUID	N GAS	P SOLID	P LIQUID	P GAS	K SOLID	K LIQUID	K GAS	TOTAL CROP
ACRES CORN	117,020	74,286	71,184	54,735	30,204	29,796	66,531	7,755	0	64,041	7,143	0	262,490
LBS	8,179,911	4,882,438	5,851,043	1,631,206	2,464,032	3,860,674	4,454,132	428,306	0	5,721,716	129,327	0	18,913,392
LBS/ACRE	70	66	82	30	82	130	67	55	0	89	18	0	72
ACRE TRTD/CNTY	2.0	1.3	1.2	0.9	0.5	0.5	1.2	0.1	0.0	1.1	0.1	0.0	4.5
LBS/ACRE CNTY	141.5	84.4	101.2	28.2	42.6	66.8	77.0	7.4	0.0	99.0	2.2	0.0	327.1
ACRES SOYBEANS	26,649	30,842	39,351	21,456	5,193	0	26,877	3,965	0	351	3,965	0	96,842
LBS	363,053	1,174,246	2,279,123	272,947	90,105	0	1,026,105	148,140	0	2,143,614	135,509	0	3,816,421
LBS/ACRE	14	38	58	13	17	0	38	37	0	6,109	34	0	39
ACRE TRTD/CNTY	0.4	0.4	0.5	0.3	0.1	0.0	0.4	0.1	0.0	0.0	0.1	0.0	1.3
LBS/ACRE CNTY	4.9	15.9	30.9	3.7	1.2	0.0	13.9	2.0	0.0	29.1	1.8	0.0	51.7
ACRES WHEAT	36,319	23,449	23,710	31,319	5,000	0	22,942	507	0	23,203	507	0	83,478
LBS	1,498,815	1,209,225	1,341,783	1,201,902	296,913	0	1,178,790	30,435	0	1,326,565	15,217	0	4,049,823
LBS/ACRE	41	52	57	38	59	0	51	60	0	57	30	0	49
ACRE TRTD/CNTY	1.5	1.0	1.0	1.3	0.2	0.0	1.0	0.0	0.0	1.0	0.0	0.0	3.5
LBS/ACRE CNTY	62.8	50.7	56.2	50.4	12.4	0.0	49.4	1.3	0.0	55.6	0.6	0.0	169.7
ACRES OATS	2,807	2,807	2,807	2,807	0	0	2,807	0	0	2,807	0	0	8,422
LBS	80,108	145,627	151,217	80,108	0	0	145,627	0	0	151,217	0	0	376,952
LBS/ACRE	29	52	54	29	0	0	52	0	0	54	0	0	45
ACRE TRTD/CNTY	1.0	1.0	1.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	3.0
LBS/ACRE CNTY	28.5	51.9	53.9	28.5	0.0	0.0	51.9	0.0	0.0	53.9	0.0	0.0	134.3
ACRES HAY	1,286	10,265	17,061	1,286	0	0	10,265	0	0	17,061	0	0	28,612
LBS	24,408	585,796	1,901,225	24,408	0	0	585,796	0	0	1,901,225	0	0	2,511,429
LBS/ACRE	19	57	111	19	0	0	57	0	0	111	0	0	88
ACRE TRTD/CNTY	0.1	0.7	1.1	0.1	0.0	0.0	0.7	0.0	0.0	1.1	0.0	0.0	1.8
LBS/ACRE CNTY	1.6	37.6	121.9	1.6	0.0	0.0	37.6	0.0	0.0	121.9	0.0	0.0	161.1
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	184,081	141,650	154,113	111,603	40,397	29,796	129,422	12,227	0	107,463	11,615	0	479,844
LBS	10,146,296	7,997,331	11,524,389	3,210,572	2,851,051	3,860,674	7,390,450	606,881	0	11,244,337	280,053	0	29,668,016
LBS/ACRE	55	57	75	29	71	130	57	50	0	105	24	0	62
ACRE TRTD/CNTY	1.1	0.8	0.9	0.6	0.2	0.2	0.7	0.1	0.0	0.6	0.1	0.0	2.8
LBS/ACRE CNTY	58.4	46.0	66.3	18.5	16.4	22.2	42.5	3.5	0.0	64.7	1.6	0.0	170.6

(TABLE 41) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND FORM OF APPLICATION USED IN HARDIN COUNTY - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR ACRES	CORN FACTOR USED	SOYBEAN FACTOR ACRES	SOYBEAN FACTOR USED	WHEAT FACTOR ACRES	WHEAT FACTOR USED	OATS FACTOR ACRES	OATS FACTOR USED	HAY FACTOR ACRES	HAY FACTOR USED	OTHER CROP FACTOR ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
HARDIN	65	65													
**********			77,050.0	4.0	97,063.8	4.7	33,470.6	5.1	1,602.9	6.8	7,904.8	4.2	0.0	0.0	217,092.1

** FORM APP **	NITROGEN	P2O5	K2O	N SOLID	N LIQUID	N GAS	P SOLID	P LIQUID	P GAS	K SOLID	K LIQUID	K GAS	TOTAL CROP
ACRES CORN	158,750	87,275	82,175	69,850	46,400	42,500	67,500	19,175	600	70,900	10,675	600	328,200
LBS	11,324,900	4,845,875	6,116,675	2,646,900	2,881,625	5,796,375	4,109,100	712,175	24,600	5,865,350	202,725	48,600	22,287,450
LBS/ACRE	71	56	74	38	62	136	61	37	41	83	19	81	68
ACRE TRTD/CNTY	2.1	1.1	1.1	0.9	0.6	0.6	0.9	0.2	0.0	0.9	0.1	0.0	4.3
LBS/ACRE CNTY	147.0	62.9	79.4	34.4	37.4	75.2	53.3	9.2	0.3	76.1	2.6	0.6	289.3
ACRES SOYBEANS	10,021	21,021	38,149	9,702	319	0	20,702	319	0	553	319	0	69,192
LBS	138,851	990,255	2,666,617	136,936	1,915	0	984,511	5,745	0	2,664,702	1,915	0	3,795,723
LBS/ACRE	14	47	70	14	6	0	48	18	0	4,817	6	0	55
ACRE TRTD/CNTY	0.1	0.2	0.4	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.7
LBS/ACRE CNTY	1.4	10.2	27.5	1.4	0.0	0.0	10.1	0.1	0.0	27.5	0.0	0.0	39.1
ACRES WHEAT	53,451	32,255	32,255	39,863	12,804	784	31,118	1,137	0	31,118	1,137	0	117,961
LBS	2,311,765	1,676,843	1,984,118	1,634,882	663,549	13,333	1,646,137	30,706	0	1,968,196	15,922	0	5,972,726
LBS/ACRE	43	52	62	41	52	17	53	27	0	63	14	0	51
ACRE TRTD/CNTY	1.6	1.0	1.0	1.2	0.4	0.0	0.9	0.0	0.0	0.9	0.0	0.0	3.5
LBS/ACRE CNTY	69.1	50.1	59.3	48.8	19.8	0.4	49.2	0.9	0.0	58.8	0.5	0.0	178.4
ACRES OATS	1,324	1,324	1,324	1,324	0	0	1,324	0	0	1,324	0	0	3,971
LBS	40,588	62,824	62,824	40,588	0	0	62,824	0	0	62,824	0	0	166,235
LBS/ACRE	31	48	48	31	0	0	48	0	0	48	0	0	42
ACRE TRTD/CNTY	0.8	0.8	0.8	0.8	0.0	0.0	0.8	0.0	0.0	0.8	0.0	0.0	2.5
LBS/ACRE CNTY	25.3	39.2	39.2	25.3	0.0	0.0	39.2	0.0	0.0	39.2	0.0	0.0	103.7
ACRES HAY	833	1,000	1,762	595	238	0	762	238	0	1,524	238	0	3,595
LBS	10,238	47,905	157,381	9,524	714	0	43,857	4,048	0	154,524	2,857	0	215,524
LBS/ACRE	12	48	89	16	3	0	58	17	0	101	12	0	60
ACRE TRTD/CNTY	0.1	0.1	0.2	0.1	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.0	0.5
LBS/ACRE CNTY	1.3	6.1	19.9	1.2	0.1	0.0	5.5	0.5	0.0	19.5	0.4	0.0	27.3
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	224,379	142,875	155,664	121,334	59,761	43,284	121,405	20,870	600	105,418	12,370	600	522,918
LBS	13,826,342	7,623,702	10,987,614	4,468,831	3,547,803	5,809,708	6,846,429	752,673	24,600	10,715,596	223,419	48,600	32,437,658
LBS/ACRE	62	53	71	37	59	134	56	36	41	102	18	81	62
ACRE TRTD/CNTY	1.0	0.7	0.7	0.6	0.3	0.2	0.6	0.1	0.0	0.5	0.1	0.0	2.4
LBS/ACRE CNTY	63.7	35.1	50.6	20.6	16.3	26.8	31.5	3.5	0.1	49.4	1.0	0.2	149.4

(TABLE 42) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND FORM OF APPLICATION USED IN MERCER COUNTY - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
MERCER	107	107	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********			68,585.7	7.0	86,531.3	6.4	28,641.8	6.7	4,606.4	9.4	23,855.6	9.0	0.0	0.0	212,220.7

** FORM APP **	NITROGEN	P2O5	K2O	N SOLID	N LIQUID	N GAS	P SOLID	P LIQUID	P GAS	K SOLID	K LIQUID	K GAS	TOTAL CROP
ACRES CORN	120,186	80,386	82,686	55,429	38,900	25,857	63,814	14,329	2,243	71,486	8,957	2,243	283,257
LBS	8,303,579	4,540,969	5,251,237	1,996,086	2,873,166	3,434,327	3,814,914	669,697	56,357	4,798,457	268,623	184,157	18,095,784
LBS/ACRE	69	57	64	36	74	133	60	47	25	67	30	82	64
ACRE TRTD/CNTY	1.8	1.2	1.2	0.8	0.6	0.4	0.9	0.2	0.0	1.0	0.1	0.0	4.1
LBS/ACRE CNTY	121.1	66.2	76.6	29.1	41.9	50.1	55.6	9.8	0.8	70.0	3.9	2.7	263.8
ACRES SOYBEANS	22,547	47,703	50,609	11,578	10,969	0	36,547	11,156	0	1,094	11,156	0	120,859
LBS	366,934	1,776,047	3,180,562	284,700	82,234	0	1,544,609	231,438	0	2,882,750	297,813	0	5,323,543
LBS/ACRE	16	37	63	25	8	0	42	21	0	2,636	27	0	44
ACRE TRTD/CNTY	0.3	0.6	0.6	0.1	0.1	0.0	0.4	0.1	0.0	0.0	0.1	0.0	1.4
LBS/ACRE CNTY	4.2	20.5	36.8	3.3	1.0	0.0	17.9	2.7	0.0	33.3	3.4	0.0	61.5
ACRES WHEAT	37,134	24,358	24,597	26,224	10,910	0	22,731	1,627	0	22,970	1,627	0	86,090
LBS	1,757,755	1,254,858	1,484,037	1,105,116	652,639	0	1,218,963	35,896	0	1,458,366	25,672	0	4,496,651
LBS/ACRE	47	52	60	42	60	0	54	22	0	64	16	0	52
ACRE TRTD/CNTY	1.3	0.9	0.9	0.9	0.4	0.0	0.8	0.1	0.0	0.8	0.1	0.0	3.0
LBS/ACRE CNTY	61.4	43.8	51.8	38.6	22.8	0.0	42.6	1.3	0.0	50.9	0.9	0.0	157.0
ACRES OATS	4,351	4,351	4,351	4,351	0	0	4,351	0	0	4,351	0	0	13,053
LBS	154,862	204,989	199,245	154,862	0	0	204,989	0	0	199,245	0	0	559,096
LBS/ACRE	36	47	46	36	0	0	47	0	0	46	0	0	43
ACRE TRTD/CNTY	0.9	0.9	0.9	0.9	0.0	0.0	0.9	0.0	0.0	0.9	0.0	0.0	2.8
LBS/ACRE CNTY	33.6	44.5	43.3	33.6	0.0	0.0	44.5	0.0	0.0	43.3	0.0	0.0	121.4
ACRES HAY	3,122	22,133	23,467	2,644	478	0	21,656	478	0	22,989	478	0	48,722
LBS	62,844	1,050,667	3,087,922	59,022	3,822	0	1,041,111	9,556	0	3,059,256	28,667	0	4,201,433
LBS/ACRE	20	48	132	22	8	0	48	20	0	133	60	0	86
ACRE TRTD/CNTY	0.1	0.9	1.0	0.1	0.0	0.0	0.9	0.0	0.0	1.0	0.0	0.0	2.0
LBS/ACRE CNTY	2.6	44.0	129.4	2.5	0.2	0.0	43.6	0.4	0.0	128.2	1.2	0.0	176.1
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	187,340	178,931	185,710	100,226	61,257	25,857	149,099	27,590	2,243	122,890	22,218	2,243	551,982
LBS	10,645,974	8,827,530	13,203,004	3,599,786	3,611,861	3,434,327	7,824,587	946,586	56,357	12,398,073	620,774	184,157	32,676,508
LBS/ACRE	57	49	71	36	59	133	53	34	25	101	28	82	59
ACRE TRTD/CNTY	0.9	0.8	0.9	0.5	0.3	0.1	0.7	0.1	0.0	0.6	0.1	0.0	2.6
LBS/ACRE CNTY	50.2	41.6	62.2	17.0	17.0	16.2	36.9	4.5	0.3	58.4	2.9	0.9	154.0

(TABLE 43) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND FORM OF APPLICATION USED IN MARION COUNTY - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN ACRES	CORN FACTOR USED	SOYBEAN ACRES	SOYBEAN FACTOR USED	WHEAT ACRES	WHEAT FACTOR USED	OATS ACRES	OATS FACTOR USED	HAY ACRES	HAY FACTOR USED	OTHER CROP ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
MARION	101	101	68,530.6	4.9	92,061.2	4.9	27,242.4	3.3	1,196.9	12.7	6,181.8	3.3	0.0	0.0	195,212.9
**********															

** FORM APP **	NITROGEN	P2O5	K2O	N SOLID	N LIQUID	N GAS	P SOLID	P LIQUID	P GAS	K SOLID	K LIQUID	K GAS	TOTAL CROP
ACRES CORN	133,857	90,163	90,163	29,510	90,061	6,122	33,163	48,837	0	33,163	48,837	0	314,184
LBS	9,603,102	4,145,265	3,760,837	1,032,449	6,349,633	751,633	2,100,898	1,489,265	0	2,394,776	345,653	0	17,509,204
LBS/ACRE	72	46	42	35	71	123	63	31	0	72	7	0	56
ACRE TRTD/CNTY	2.0	1.3	1.3	0.4	1.3	0.1	0.5	0.7	0.0	0.5	0.7	0.0	4.6
LBS/ACRE CNTY	140.1	60.5	54.9	15.1	92.7	11.0	30.7	21.7	0.0	34.9	5.0	0.0	255.5
ACRES SOYBEANS	4,102	10,163	27,918	3,490	612	0	9,551	612	0	2,714	612	0	42,184
LBS	74,388	541,633	2,496,694	59,694	14,694	0	482,857	58,776	0	2,437,918	58,776	0	3,112,714
LBS/ACRE	18	53	89	17	24	0	51	96	0	898	96	0	74
ACRE TRTD/CNTY	0.0	0.1	0.3	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.5
LBS/ACRE CNTY	0.8	5.9	27.1	0.6	0.2	0.0	5.2	0.6	0.0	26.5	0.6	0.0	33.8
ACRES WHEAT	26,061	19,849	19,849	20,303	5,758	0	19,849	0	0	19,849	0	0	65,758
LBS	1,062,758	1,052,546	1,157,636	778,273	284,485	0	1,052,546	0	0	1,157,636	0	0	3,272,939
LBS/ACRE	41	53	58	38	49	0	53	0	0	58	0	0	50
ACRE TRTD/CNTY	1.0	0.7	0.7	0.7	0.2	0.0	0.7	0.0	0.0	0.7	0.0	0.0	2.4
LBS/ACRE CNTY	39.0	38.6	42.5	28.6	10.4	0.0	38.6	0.0	0.0	42.5	0.0	0.0	120.1
ACRES OATS	913	913	913	913	0	0	913	0	0	913	0	0	2,740
LBS	28,126	53,110	57,047	28,126	0	0	53,110	0	0	57,047	0	0	138,284
LBS/ACRE	31	58	63	31	0	0	58	0	0	63	0	0	51
ACRE TRTD/CNTY	0.8	0.8	0.8	0.8	0.0	0.0	0.8	0.0	0.0	0.8	0.0	0.0	2.3
LBS/ACRE CNTY	23.5	44.4	47.7	23.5	0.0	0.0	44.4	0.0	0.0	47.7	0.0	0.0	115.5
ACRES HAY	0	1,030	1,030	0	0	0	1,030	0	0	1,030	0	0	2,061
LBS	0	57,758	159,273	0	0	0	57,758	0	0	159,273	0	0	217,030
LBS/ACRE	0	56	155	0	0	0	56	0	0	155	0	0	105
ACRE TRTD/CNTY	0.0	0.2	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.2	0.0	0.0	0.3
LBS/ACRE CNTY	0.0	9.3	25.8	0.0	0.0	0.0	9.3	0.0	0.0	25.8	0.0	0.0	35.1
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	164,933	122,119	139,874	54,216	96,431	6,122	64,507	49,449	0	57,670	49,449	0	426,926
LBS	10,768,373	5,850,311	7,631,487	1,898,542	6,648,811	751,633	3,747,168	1,548,041	0	6,206,650	404,429	0	24,250,172
LBS/ACRE	65	48	55	35	69	123	58	31	0	108	8	0	57
ACRE TRTD/CNTY	0.8	0.6	0.7	0.3	0.5	0.0	0.3	0.3	0.0	0.3	0.3	0.0	2.2
LBS/ACRE CNTY	55.2	30.0	39.1	9.7	34.1	3.9	19.2	7.9	0.0	31.8	2.1	0.0	124.2

(TABLE 44) SUMMATION OF THE COUNTY TOTALS FOR ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND FORM OF APPLICATION USED IN THE LAKE ERIE BASIN OF OHIO

LAKE ERIE DRAINAGE AREA OF OHIO - 1986

** FERTILIZER BY FORM OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR BASIN FROM SURVEY ACRES AND RATES

	CORN ACRES	SOYBEAN ACRES	WHEAT ACRES	OATS ACRES	HAY ACRES	OTHER CROP ACRES	TOTAL CROP ACRES
**********	1,540,871.1	2,002,451.9	609,537.9	83,310.8	399,502.7	27,248.5	4,662,922.9

** FORM APP **	NITROGEN	P2O5	K2O	N SOLID	N LIQUID	N GAS	P2O5 SOLID	P2O5 LIQUID	P2O5 GAS	K2O SOLID	K2O LIQUID	K2O GAS
ACRES CORN	2,976,664	1,738,125	1,849,205	1,248,039	969,754	733,898	1,270,166	427,823	19,851	1,528,837	279,815	19,851	6,563,995
LBS	231,411,614	106,118,447	152,100,439	53,070,272	65,797,175	109,171,206	83,982,301	20,149,173	951,294	141,581,641	7,105,700	926,879	489,630,500
LBS/ACRE	78	61	82	43	68	149	66	47	48	93	25	47	75
ACRE TRTD/AREA	1.9	1.1	1.2	0.8	0.6	0.5	0.8	0.3	0.0	1.0	0.2	0.0	4.3
LBS/ACRE AREA	150.2	68.9	98.7	34.4	42.7	70.9	54.5	13.1	0.6	91.9	4.6	0.6	317.8
ACRES SOYBEANS	340,239	651,439	914,874	213,970	122,222	0	520,503	126,239	0	32,456	118,525	8,088	1,906,552
LBS	4,757,772	26,021,446	71,034,301	3,417,819	1,293,734	0	22,661,716	3,172,793	0	65,444,713	3,962,756	970,588	101,813,519
LBS/ACRE	14	40	78	16	11	0	44	25	0	2,016	33	120	53
ACRE TRTD/AREA	0.2	0.3	0.5	0.1	0.1	0.0	0.3	0.1	0.0	0.0	0.1	0.0	1.0
LBS/ACRE AREA	2.4	13.0	35.5	1.7	0.6	0.0	11.3	1.6	0.0	32.7	2.0	0.5	50.8
ACRES WHEAT	919,885	573,143	574,997	676,756	222,516	10,061	546,223	17,389	0	549,513	15,954	0	2,068,025
LBS	40,802,971	33,156,257	38,240,325	26,836,348	12,942,202	835,582	32,020,083	803,314	0	37,292,868	617,652	0	112,199,553
LBS/ACRE	44	58	67	40	58	83	59	46	0	68	39	0	54
ACRE TRTD/AREA	1.5	0.9	0.9	1.1	0.4	0.0	0.9	0.0	0.0	0.9	0.0	0.0	3.4
LBS/ACRE AREA	66.9	54.4	62.7	44.0	21.2	1.4	52.5	1.3	0.0	61.2	1.0	0.0	184.1
ACRES OATS	71,048	69,622	69,453	68,474	2,573	0	68,643	979	0	68,474	979	0	210,123
LBS	2,572,607	3,578,608	3,622,591	2,475,030	97,577	0	3,552,550	26,058	0	3,599,404	23,187	0	9,773,806
LBS/ACRE	36	51	52	36	38	0	52	27	0	53	24	0	47
ACRE TRTD/AREA	0.9	0.8	0.8	0.8	0.0	0.0	0.8	0.0	0.0	0.8	0.0	0.0	2.5
LBS/ACRE AREA	30.9	43.0	43.5	29.7	1.2	0.0	42.6	0.3	0.0	43.2	0.3	0.0	117.3
ACRES HAY	81,484	201,555	251,872	67,074	14,410	0	184,529	16,859	0	234,845	16,859	0	534,910
LBS	1,872,768	10,173,089	27,188,037	1,746,278	126,490	0	9,913,044	256,379	0	26,599,177	555,860	0	39,233,894
LBS/ACRE	23	51	108	26	9	0	54	15	0	113	33	0	73
ACRE TRTD/AREA	0.2	0.5	0.6	0.2	0.0	0.0	0.5	0.0	0.0	0.6	0.0	0.0	1.3
LBS/ACRE AREA	4.7	25.5	68.1	4.4	0.3	0.0	24.8	0.6	0.0	66.6	1.4	0.0	98.2
ACRES OTHER CP	36,063	23,527	24,769	21,405	12,491	1,144	16,938	5,567	0	23,252	596	0	84,359
LBS	1,897,994	1,893,442	4,586,039	1,018,281	691,374	112,793	1,399,598	397,079	0	4,524,840	6,877	0	8,377,475
LBS/ACRE	53	81	185	48	55	99	83	71	0	195	12	0	99
ACRE TRTD/AREA	1.3	0.9	0.9	0.8	0.5	0.0	0.6	0.2	0.0	0.9	0.0	0.0	3.1
LBS/ACRE AREA	69.7	69.5	168.3	37.4	25.4	4.1	51.4	14.6	0.0	166.1	0.3	0.0	307.4
ACRES CROPS	4,425,383	3,257,411	3,685,170	2,295,718	1,343,966	745,103	2,607,001	594,857	19,851	2,437,376	432,729	27,939	11,367,964
LBS	283,315,725	180,941,290	296,771,733	88,564,028	80,948,553	110,119,581	153,529,291	24,804,796	951,294	279,042,643	12,272,032	1,897,467	761,028,748
LBS/ACRE	64	56	81	39	60	148	59	42	48	115	28	68	67
ACRE TRTD/AREA	0.9	0.7	0.8	0.5	0.3	0.2	0.6	0.1	0.0	0.5	0.1	0.0	2.4
LBS/ACRE AREA	60.8	38.8	63.6	19.0	17.4	23.6	32.9	5.3	0.2	59.8	2.6	0.4	163.2

APPENDIX 4

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(TABLE 45) SUMMARY OF ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER BY THE METHOD OF APPLICATION USED IN THE LAKE ERIE BASIN OF OHIO - 1986

SUMMARY OF THE LAKE ERIE BASIN OF OHIO - 1986

** FERTILIZER BY THE METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR BASIN FROM SURVEY ACRES AND RATES

	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********	1,547,284	7.4	2,007,096	7.3	608,083	7.2	90,186	7.0	401,475	5.9	27,226	32.3	4,681,349

** METHOD APP **	NITROGEN	P2O5	K2O	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	2,986,122	1,745,514	1,867,149	1,378,041	612,784	972,905	874,743	344,068	510,270	705,689	573,487	571,541	6,598,784
LBS	234,093,336	106,929,491	156,400,469	93,773,245	49,268,958	87,671,225	52,491,569	21,780,511	32,115,249	32,065,981	67,391,827	54,831,594	497,423,296
LBS/ACRE	78	61	84	68	80	90	60	63	63	45	118	96	75
ACRE TRTD/STATE	1.9	1.1	1.2	0.9	0.4	0.6	0.6	0.2	0.3	0.5	0.4	0.4	4.3
LBS/ACRE STATE	151.3	69.1	101.1	60.6	31.8	56.7	33.9	14.1	20.8	20.7	43.6	35.4	321.5
ACRES SOYBEANS	331,411	653,452	925,178	120,164	130,726	76,206	151,096	230,918	266,356	166,411	405,411	347,671	1,910,041
LBS	4,487,970	25,735,490	72,564,381	1,165,844	2,111,762	1,166,392	4,988,138	9,285,267	11,270,428	7,330,618	37,533,046	27,088,662	102,787,841
LBS/ACRE	14	39	78	10	16	15	33	40	42	44	93	78	54
ACRE TRTD/STATE	0.2	0.3	0.5	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.2	0.2	1.0
LBS/ACRE STATE	2.2	12.8	36.2	0.6	1.1	0.6	2.5	4.6	5.6	3.7	18.7	13.5	51.2
ACRES WHEAT	928,597	575,847	578,347	34,056	596,361	287,500	16,139	282,306	273,403	16,139	281,250	276,958	2,082,792
LBS	41,053,638	33,556,882	38,868,600	1,855,986	28,095,217	10,599,115	799,236	16,576,556	15,961,701	779,667	17,986,038	19,856,867	113,479,120
LBS/ACRE	44	58	67	55	47	37	50	59	58	48	64	72	55
ACRE TRTD/STATE	1.5	0.9	1.0	0.1	1.0	0.5	0.0	0.5	0.4	0.0	0.5	0.5	3.4
LBS/ACRE STATE	67.5	55.2	63.9	3.1	46.2	17.4	1.3	27.3	26.2	1.3	29.6	32.7	186.6
ACRES OATS	76,500	75,114	75,071	6,186	29,286	41,029	6,186	27,900	41,029	6,186	27,857	41,029	226,686
LBS	2,759,674	3,883,393	3,970,079	181,867	962,193	1,615,614	386,199	1,421,280	2,075,914	356,227	1,492,880	2,120,971	10,613,145
LBS/ACRE	36	52	53	29	33	39	62	51	51	58	54	52	47
ACRE TRTD/STATE	0.8	0.8	0.8	0.1	0.3	0.5	0.1	0.3	0.5	0.1	0.3	0.5	2.5
LBS/ACRE STATE	30.6	43.1	44.0	2.0	10.7	17.9	4.3	15.8	23.0	3.9	16.6	23.5	117.7
ACRES HAY	83,136	196,441	239,237	627	77,017	5,492	1,102	181,915	13,424	627	222,644	15,966	518,814
LBS	1,951,078	9,752,193	26,463,464	15,661	1,722,146	213,271	90,780	8,921,820	739,593	43,119	24,488,430	1,931,915	38,166,735
LBS/ACRE	24	50	111	25	22	39	82	49	55	69	110	121	74
ACRE TRTD/STATE	0.2	0.5	0.6	0.0	0.2	0.0	0.0	0.5	0.0	0.0	0.6	0.0	1.3
LBS/ACRE STATE	4.9	24.3	65.9	0.0	4.3	0.5	0.2	22.2	1.8	0.1	61.0	4.8	95.1
ACRES OTHER CP	27,325	19,266	20,711	9,047	6,340	10,979	6,193	4,035	8,078	4,532	3,961	11,258	67,302
LBS	1,746,922	1,582,656	3,176,615	550,857	438,963	688,000	367,567	324,472	794,643	296,200	609,637	2,218,951	6,506,193
LBS/ACRE	64	82	153	61	69	63	59	80	98	65	154	197	97
ACRE TRTD/STATE	1.0	0.7	0.8	0.3	0.2	0.4	0.2	0.1	0.3	0.2	0.1	0.4	2.5
LBS/ACRE STATE	64.2	58.1	116.7	20.2	16.1	25.3	13.5	11.9	29.2	10.9	22.4	81.5	239.0
ACRES CROPS	4,433,091	3,265,634	3,705,693	1,548,120	1,452,514	1,394,110	1,055,459	1,071,142	1,112,560	899,584	1,514,610	1,264,422	11,404,418
LBS	286,092,618	181,440,105	301,443,606	97,543,460	82,599,238	101,953,617	59,123,488	58,309,905	62,957,529	40,871,811	149,501,859	108,048,960	768,976,329
LBS/ACRE	65	56	81	63	57	73	56	54	57	45	99	86	67
ACRE TRTD/STATE	0.9	0.7	0.8	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.3	0.3	2.4
LBS/ACRE STATE	61.1	38.8	64.4	20.8	17.6	21.8	12.6	12.5	13.4	8.7	31.9	23.1	164.3

(TABLE 46) FERTILIZER ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF MATERIAL BY THE METHOD OF APPLICATION IN THE NORTH WEST DISTRICT - 1986

** FERTILIZER BY METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR DISTRICT FROM SURVEY ACRES AND RATES

DISTRICT NAME	DIST	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
NORTH WEST	10	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********		666,513	7.6	944,128	7.8	301,077	7.8	25,833	6.0	82,540	5.0	11,429	30.3	2,031,521

** METHOD APP **	NITROGEN	P2O5	K2O	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	1,291,303	759,290	816,184	618,671	265,961	401,290	390,829	177,263	191,197	312,605	251,092	252,487	2,866,776
LBS	104,089,783	45,824,500	67,749,393	42,769,612	18,955,053	41,634,892	23,116,428	11,196,195	11,511,878	14,347,112	27,091,731	26,310,550	217,663,676
LBS/ACRE	81	60	83	69	71	104	59	63	60	46	108	104	76
ACRE TRTD/DIST	1.9	1.1	1.2	0.9	0.4	0.6	0.6	0.3	0.3	0.5	0.4	0.4	4.3
LBS/ACRE DIST	156.2	68.8	101.6	64.2	28.4	62.5	34.7	16.8	17.3	21.5	40.6	39.5	326.6
ACRES SOYBEANS	143,654	262,590	371,282	58,000	59,282	22,718	70,090	93,628	94,500	83,654	152,923	130,333	777,526
LBS	1,600,678	9,908,087	28,580,540	529,883	764,705	269,551	2,275,424	3,200,432	4,271,321	3,918,565	14,206,141	9,959,936	40,089,304
LBS/ACRE	11	38	77	9	13	12	33	34	45	47	93	76	52
ACRE TRTD/DIST	0.2	0.3	0.4	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.2	0.1	0.8
LBS/ACRE DIST	1.7	10.5	30.3	0.6	0.8	0.3	2.4	3.4	4.5	4.2	15.0	10.5	42.5
ACRES WHEAT	479,615	278,641	280,295	10,615	330,218	133,769	4,808	147,397	123,513	4,808	145,974	126,590	1,038,551
LBS	21,722,469	16,777,757	19,590,964	658,039	15,866,162	5,033,513	241,769	8,980,032	7,387,801	228,667	9,916,920	9,261,608	58,091,190
LBS/ACRE	45	60	70	62	48	38	50	61	60	48	68	73	56
ACRE TRTD/DIST	1.6	0.9	0.9	0.0	1.1	0.4	0.0	0.5	0.4	0.0	0.5	0.4	3.4
LBS/ACRE DIST	72.1	55.7	65.1	2.2	52.7	16.7	0.8	29.8	24.5	0.8	32.9	30.8	192.9
ACRES OATS	42,833	20,167	20,500	1,633	8,567	11,217	1,633	7,317	11,217	1,633	7,483	11,217	83,500
LBS	1,657,433	920,385	984,402	53,200	273,983	501,533	85,217	289,885	545,283	84,383	323,635	550,883	3,562,220
LBS/ACRE	39	46	48	33	32	45	52	40	49	52	43	49	43
ACRE TRTD/DIST	1.7	0.8	0.8	0.1	0.3	0.4	0.1	0.3	0.4	0.1	0.3	0.4	3.2
LBS/ACRE DIST	64.2	35.6	38.1	2.1	10.6	19.4	3.3	11.2	21.1	3.3	12.5	21.3	137.9
ACRES HAY	12,680	29,820	38,020	0	12,360	320	560	25,220	4,040	0	33,980	4,040	80,520
LBS	213,240	1,195,548	4,080,148	0	207,840	5,400	56,240	947,288	192,020	0	3,612,148	468,000	5,488,936
LBS/ACRE	17	40	107	0	17	17	100	38	48	0	106	116	68
ACRE TRTD/DIST	0.2	0.4	0.5	0.0	0.1	0.0	0.0	0.3	0.0	0.0	0.4	0.0	1.0
LBS/ACRE DIST	2.6	14.5	49.4	0.0	2.5	0.1	0.7	11.5	2.3	0.0	43.8	5.7	66.5
ACRES OTHER CP	10,541	7,824	7,814	4,472	2,703	2,343	3,036	1,949	1,815	1,657	1,788	3,347	26,179
LBS	647,442	527,263	1,010,655	250,794	121,518	201,466	113,337	142,124	169,492	35,019	289,459	630,931	2,185,361
LBS/ACRE	61	67	129	56	45	86	37	73	93	21	162	189	84
ACRE TRTD/DIST	0.9	0.7	0.7	0.4	0.2	0.2	0.3	0.2	0.2	0.1	0.2	0.3	2.3
LBS/ACRE DIST	56.6	46.1	88.4	21.9	10.6	17.6	9.9	12.4	14.8	3.1	25.3	55.2	191.2
ACRES CROPS	1,980,626	1,358,331	1,534,095	693,392	679,090	571,657	470,956	452,775	426,282	404,357	593,240	528,013	4,873,052
LBS	129,931,045	75,153,540	121,996,101	44,261,527	36,189,261	47,646,356	25,888,415	24,755,956	24,077,794	18,613,746	55,440,034	47,181,908	327,080,687
LBS/ACRE	66	55	80	64	53	83	55	55	57	46	94	89	67
ACRE TRTD/DIST	1.0	0.7	0.8	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.3	0.3	2.4
LBS/ACRE DIST	64.0	37.0	60.1	21.8	17.8	23.5	12.7	12.2	11.9	9.2	27.3	23.2	161.0

(TABLE 47) FERTILIZER ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF MATERIAL BY THE METHOD OF APPLICATION IN THE NORTH CENTRAL DISTRICT - 1986

** FERTILIZER BY METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR DISTRICT FROM SURVEY ACRES AND RATES

DISTRICT NAME	DIST	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
NORTH CENTRAL	20	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********		490,405	8.4	650,897	7.8	177,583	7.2	28,128	7.8	135,862	5.8	15,832	23.8	1,498,707

** METHOD APP **	NITROGEN	P2O5	K2O	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	967,595	535,333	585,071	436,976	183,048	338,810	257,250	79,964	188,405	195,619	194,226	185,512	2,088,000
LBS	76,975,629	34,396,622	54,469,905	31,637,106	16,542,000	27,467,476	16,487,137	4,885,510	12,870,166	8,926,489	26,234,672	18,044,232	165,842,156
LBS/ACRE	80	64	93	72	90	81	64	61	68	46	135	97	79
ACRE TRTD/DIST	2.0	1.1	1.2	0.9	0.4	0.7	0.5	0.2	0.4	0.4	0.4	0.4	4.3
LBS/ACRE DIST	157.0	70.1	111.1	64.5	33.7	56.0	33.6	10.0	26.2	18.2	53.5	36.8	338.2
ACRES SOYBEANS	100,590	241,180	350,949	39,897	33,449	26,859	53,782	79,615	107,397	53,782	158,346	138,436	692,718
LBS	1,484,069	9,528,039	29,245,151	422,821	705,728	350,905	1,711,846	3,555,767	4,241,965	2,147,539	15,961,633	11,126,748	40,257,259
LBS/ACRE	15	40	83	11	21	13	32	45	40	40	101	80	58
ACRE TRTD/DIST	0.2	0.4	0.5	0.1	0.1	0.0	0.1	0.1	0.2	0.1	0.2	0.2	1.1
LBS/ACRE DIST	2.3	14.6	44.9	0.6	1.1	0.5	2.6	5.5	6.5	3.3	24.5	17.1	61.8
ACRES WHEAT	267,736	179,319	179,556	10,139	158,056	94,292	6,139	78,333	94,014	6,139	78,569	94,014	626,611
LBS	11,395,007	10,333,313	11,953,451	520,833	7,318,812	3,230,528	297,153	4,553,076	5,445,861	267,458	4,919,187	6,719,861	33,681,771
LBS/ACRE	43	58	67	51	46	34	48	58	58	44	63	72	54
ACRE TRTD/DIST	1.5	1.0	1.0	0.1	0.9	0.5	0.0	0.4	0.5	0.0	0.4	0.5	3.5
LBS/ACRE DIST	64.2	58.2	67.3	2.9	41.2	18.2	1.7	25.6	30.7	1.5	27.7	37.8	189.7
ACRES OATS	41,487	21,077	20,744	885	6,654	13,205	885	6,821	13,205	885	6,654	13,205	83,308
LBS	1,688,346	1,113,635	1,145,378	22,500	279,404	542,269	65,231	377,994	661,949	57,026	389,301	699,051	3,947,359
LBS/ACRE	41	53	55	25	42	41	74	55	50	65	59	53	47
ACRE TRTD/DIST	1.5	0.7	0.7	0.0	0.2	0.5	0.0	0.2	0.5	0.0	0.2	0.5	3.0
LBS/ACRE DIST	60.0	39.6	40.7	0.8	9.9	19.3	2.3	13.4	23.5	2.0	13.8	24.9	140.3
ACRES HAY	33,379	73,293	82,776	0	28,638	4,741	0	67,414	5,879	0	74,310	8,466	189,448
LBS	829,862	4,049,896	9,366,207	0	630,293	199,569	0	3,649,534	400,362	0	8,264,569	1,101,638	14,245,966
LBS/ACRE	25	55	113	0	22	42	0	54	68	0	111	130	75
ACRE TRTD/DIST	0.2	0.5	0.6	0.0	0.2	0.0	0.0	0.5	0.0	0.0	0.5	0.1	1.4
LBS/ACRE DIST	6.1	29.8	68.9	0.0	4.6	1.5	0.0	26.9	2.9	0.0	60.8	8.1	104.9
ACRES OTHER CP	19,245	11,999	14,257	5,351	3,689	10,206	3,024	1,529	7,445	2,821	1,626	9,811	45,501
LBS	1,190,278	1,073,675	2,604,224	322,475	314,753	553,050	210,327	112,580	750,768	226,466	311,807	2,065,951	4,868,177
LBS/ACRE	62	90	183	60	85	54	70	74	101	80	192	211	107
ACRE TRTD/DIST	1.2	0.8	0.9	0.3	0.2	0.6	0.2	0.1	0.5	0.2	0.1	0.6	2.9
LBS/ACRE DIST	75.2	67.8	164.5	20.4	19.9	34.9	13.3	7.1	47.4	14.3	19.7	130.5	307.5
ACRES CROPS	1,430,033	1,062,201	1,233,352	493,248	413,533	488,112	321,080	313,677	416,346	259,245	513,732	449,443	3,725,586
LBS	93,563,192	60,495,180	108,784,316	32,925,735	25,790,990	32,343,797	18,771,694	17,134,460	24,371,071	11,624,978	56,081,169	39,757,482	262,842,688
LBS/ACRE	65	57	88	67	62	66	59	55	59	45	109	89	71
ACRE TRTD/DIST	1.0	0.7	0.8	0.3	0.3	0.3	0.2	0.2	0.3	0.2	0.3	0.3	2.5
LBS/ACRE DIST	62.4	40.4	72.6	22.0	17.2	21.6	12.5	11.4	16.3	7.8	37.4	26.5	175.4

(TABLE 48) FERTILIZER ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF MATERIAL BY THE METHOD OF APPLICATION IN THE NORTH EAST DISTRICT - 1986

** FERTILIZER BY METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR DISTRICT FROM SURVEY ACRES AND RATES

DISTRICT NAME	DIST	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
NORTH EAST	30	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********		109,949	7.8	58,750	5.6	20,938	6.4	21,325	7.7	128,641	6.4	0	0.0	339,602

** METHOD APP **	NITROGEN	P2O5	K2O	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	185,897	119,462	128,359	61,974	47,308	76,615	46,423	25,731	47,308	38,308	38,295	51,756	433,718
LBS	13,339,953	7,522,356	9,820,168	3,768,339	4,236,370	5,335,244	2,948,199	1,931,772	2,642,385	2,472,057	4,012,880	3,335,231	30,682,477
LBS/ACRE	72	63	77	61	90	70	64	75	56	65	105	64	71
ACRE TRTD/DIST	1.7	1.1	1.2	0.6	0.4	0.7	0.4	0.2	0.4	0.3	0.3	0.5	3.9
LBS/ACRE DIST	121.3	68.4	89.3	34.3	38.5	48.5	26.8	17.6	24.0	22.5	36.5	30.3	279.1
ACRES SOYBEANS	26,929	37,696	45,732	4,286	18,036	4,607	6,125	22,036	9,536	6,125	28,821	10,000	110,357
LBS	583,263	1,946,286	3,672,518	38,763	412,429	132,071	283,750	1,237,839	424,696	299,929	2,642,232	636,071	6,202,067
LBS/ACRE	22	52	80	9	23	29	46	56	45	49	92	64	56
ACRE TRTD/DIST	0.5	0.6	0.8	0.1	0.3	0.1	0.1	0.4	0.2	0.1	0.5	0.2	1.9
LBS/ACRE DIST	9.9	33.1	62.5	0.7	7.0	2.2	4.8	21.1	7.2	5.1	45.0	10.8	105.6
ACRES WHEAT	24,875	19,781	19,781	4,109	12,531	8,234	2,078	9,078	8,625	2,078	9,078	8,625	64,438
LBS	1,045,469	1,182,297	1,224,844	159,078	618,672	267,719	130,828	518,109	533,359	136,406	521,953	566,484	3,452,609
LBS/ACRE	42	60	62	39	49	33	63	57	62	66	58	66	54
ACRE TRTD/DIST	1.2	0.9	0.9	0.2	0.6	0.4	0.1	0.4	0.4	0.1	0.4	0.4	3.1
LBS/ACRE DIST	49.9	56.5	58.5	7.6	29.5	12.8	6.2	24.7	25.5	6.5	24.9	27.1	164.9
ACRES OATS	41,662	20,377	20,377	2,857	7,831	10,143	2,857	7,377	10,143	2,857	7,377	10,143	82,416
LBS	1,300,538	1,143,349	1,145,908	94,464	226,610	329,195	193,051	405,597	544,701	174,765	426,442	544,701	3,589,794
LBS/ACRE	31	56	56	33	29	33	68	55	54	61	58	54	44
ACRE TRTD/DIST	2.0	1.0	1.0	0.1	0.4	0.5	0.1	0.3	0.5	0.1	0.3	0.5	3.9
LBS/ACRE DIST	61.0	53.6	53.7	4.4	10.6	15.4	9.1	19.0	25.5	8.2	20.0	25.5	168.3
ACRES HAY	30,563	51,203	68,078	578	29,625	359	578	49,297	1,328	578	66,172	1,328	149,844
LBS	766,212	2,398,844	6,736,844	14,438	740,712	11,063	39,750	2,303,469	55,625	39,750	6,570,719	126,375	9,901,899
LBS/ACRE	25	47	99	25	25	31	69	47	42	69	99	95	66
ACRE TRTD/DIST	0.2	0.4	0.5	0.0	0.2	0.0	0.0	0.4	0.0	0.0	0.5	0.0	1.2
LBS/ACRE DIST	6.0	18.6	52.4	0.1	5.8	0.1	0.3	17.9	0.4	0.3	51.1	1.0	77.0
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	309,926	248,519	282,327	73,805	115,331	99,959	58,062	113,518	76,939	49,946	149,743	81,852	840,772
LBS	17,035,435	14,193,131	22,600,281	4,075,082	6,234,793	6,075,292	3,595,578	6,396,786	4,200,767	3,122,907	14,174,225	5,208,863	53,828,847
LBS/ACRE	55	57	80	55	54	61	62	56	55	63	95	64	64
ACRE TRTD/DIST	0.9	0.7	0.8	0.2	0.3	0.3	0.2	0.3	0.2	0.1	0.4	0.2	2.5
LBS/ACRE DIST	50.2	41.8	66.5	12.0	18.4	17.9	10.6	18.8	12.4	9.2	41.7	15.3	158.5

(TABLE 49) FERTILIZER ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF MATERIAL BY THE METHOD OF APPLICATION IN THE WEST CENTRAL DISTRICT - 1986

** FERTILIZER BY METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR DISTRICT FROM SURVEY ACRES AND RATES

DISTRICT NAME	DIST	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
WEST CENTRAL	40	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********		206,077	5.2	255,446	5.6	86,443	6.1	10,916	7.1	47,691	6.8	0	0.0	606,573

** METHOD APP **	NITROGEN	P205	K20	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	394,173	245,346	241,596	166,423	103,673	121,923	122,712	56,365	66,269	108,192	71,519	61,885	881,115
LBS	27,597,349	14,441,198	17,287,590	8,973,659	8,336,425	10,076,189	7,226,548	3,516,654	3,697,996	5,160,875	7,307,435	4,819,281	59,326,137
LBS/ACRE	70	59	72	54	80	83	59	62	56	48	102	78	67
ACRE TRTD/DIST	1.9	1.2	1.2	0.8	0.5	0.6	0.6	0.3	0.3	0.5	0.3	0.3	4.3
LBS/ACRE DIST	133.9	70.1	83.9	43.5	40.5	48.9	35.1	17.1	17.9	25.0	35.5	23.4	287.9
ACRES SOYBEANS	61,304	103,554	129,911	13,625	22,179	25,500	15,929	36,643	50,982	17,000	49,536	63,375	294,768
LBS	905,425	4,056,089	8,192,803	113,643	272,943	518,839	508,196	1,379,321	2,168,571	650,089	2,664,482	4,878,232	13,154,317
LBS/ACRE	15	39	63	8	12	20	32	38	43	38	54	77	45
ACRE TRTD/DIST	0.2	0.4	0.5	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.2	1.2
LBS/ACRE DIST	3.5	15.9	32.1	0.4	1.1	2.0	2.0	5.4	8.5	2.5	10.4	19.1	51.5
ACRES WHEAT	126,557	80,246	80,803	9,115	73,443	44,000	2,246	37,607	40,393	2,246	37,902	40,656	287,607
LBS	5,558,817	4,148,049	4,806,615	487,672	3,236,796	1,834,349	105,639	1,896,639	2,145,771	128,492	1,910,730	2,767,393	14,513,481
LBS/ACRE	44	52	60	54	44	42	47	50	53	57	50	68	51
ACRE TRTD/DIST	1.5	0.9	0.9	0.1	0.8	0.5	0.0	0.4	0.5	0.0	0.4	0.5	3.3
LBS/ACRE DIST	64.3	48.0	55.6	5.6	37.4	21.2	1.2	21.9	24.8	1.5	22.1	32.0	167.9
ACRES OATS	20,620	10,310	10,310	310	4,972	5,028	310	4,972	5,028	310	4,972	5,028	41,239
LBS	675,099	501,803	500,732	2,789	143,366	191,394	11,155	247,606	243,042	11,155	247,606	241,972	1,677,634
LBS/ACRE	33	49	49	9	29	38	36	50	48	36	50	48	41
ACRE TRTD/DIST	1.9	0.9	0.9	0.0	0.5	0.5	0.0	0.5	0.5	0.0	0.5	0.5	3.8
LBS/ACRE DIST	61.8	46.0	45.9	0.3	13.1	17.5	1.0	22.7	22.3	1.0	22.7	22.2	153.7
ACRES HAY	5,574	37,309	44,441	0	5,427	147	0	34,897	2,412	0	42,029	2,412	87,324
LBS	107,088	1,842,294	5,554,162	0	106,647	441	0	1,735,618	106,677	0	5,280,632	273,529	7,503,544
LBS/ACRE	19	49	125	0	20	3	0	50	44	0	126	113	86
ACRE TRTD/DIST	0.1	0.8	0.9	0.0	0.1	0.0	0.0	0.7	0.1	0.0	0.9	0.1	1.8
LBS/ACRE DIST	2.2	38.6	116.5	0.0	2.2	0.0	0.0	36.4	2.2	0.0	110.7	5.7	157.3
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	608,227	476,764	507,061	189,473	209,693	196,598	141,196	170,484	165,085	127,748	205,958	173,355	1,592,053
LBS	34,843,778	24,989,433	36,341,902	9,577,763	12,096,177	12,621,213	7,851,539	8,775,838	8,362,057	5,950,611	17,410,884	12,980,408	96,175,114
LBS/ACRE	57	52	72	51	58	64	56	52	51	47	85	75	60
ACRE TRTD/DIST	1.0	0.8	0.8	0.3	0.3	0.3	0.2	0.3	0.3	0.2	0.3	0.3	2.6
LBS/ACRE DIST	57.4	41.2	59.9	15.8	19.9	20.8	12.9	14.5	13.8	9.8	28.7	21.4	158.6

(TABLE 50) FERTILIZER ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF MATERIAL BY THE METHOD OF APPLICATION IN THE CENTRAL DISTRICT - 1986

** FERTILIZER BY METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR DISTRICT FROM SURVEY ACRES AND RATES

DISTRICT NAME	DIST	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
CENTRAL	50	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********		68,531	4.9	92,061	4.9	27,242	3.3	4,471	3.4	6,182	3.3	0	0.0	198,487

** METHOD APP **	NITROGEN	P2O5	K2O	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	133,857	90,163	90,163	97,184	13,796	14,714	69,735	6,816	5,449	69,735	6,816	5,449	314,184
LBS	9,603,102	4,145,265	3,760,837	5,523,510	1,058,367	1,551,837	2,793,225	345,306	451,633	1,459,000	639,184	642,245	17,509,204
LBS/ACRE	72	46	42	57	77	106	40	51	83	21	94	118	56
ACRE TRTD/DIST	2.0	1.3	1.3	1.4	0.2	0.2	1.0	0.1	0.1	1.0	0.1	0.1	4.6
LBS/ACRE DIST	140.1	60.5	54.9	80.6	15.4	22.6	40.8	5.0	6.6	21.3	9.3	9.4	255.5
ACRES SOYBEANS	4,102	10,163	27,918	2,714	1,184	204	2,714	1,184	6,265	2,714	18,939	6,265	42,184
LBS	74,388	541,633	2,496,694	46,143	22,122	6,122	179,143	87,347	275,143	179,143	1,829,592	487,959	3,112,714
LBS/ACRE	18	53	89	17	19	30	66	74	44	66	97	78	74
ACRE TRTD/DIST	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.1	0.5
LBS/ACRE DIST	0.8	5.9	27.1	0.5	0.2	0.1	1.9	0.9	3.0	1.9	19.9	5.3	33.8
ACRES WHEAT	26,061	19,849	19,849	2,273	15,727	8,061	2,273	9,515	8,061	2,273	9,515	8,061	65,758
LBS	1,062,758	1,052,546	1,157,636	147,727	645,485	269,546	75,000	496,788	480,758	75,000	525,273	557,364	3,272,939
LBS/ACRE	41	53	58	65	41	33	33	52	60	33	55	69	50
ACRE TRTD/DIST	1.0	0.7	0.7	0.1	0.6	0.3	0.1	0.3	0.3	0.1	0.3	0.3	2.4
LBS/ACRE DIST	39.0	38.6	42.5	5.4	23.7	9.9	2.8	18.2	17.6	2.8	19.3	20.5	120.1
ACRES OATS	6,824	3,412	3,412	706	1,794	912	706	1,794	912	706	1,794	912	13,647
LBS	210,118	198,382	213,088	9,177	43,912	51,971	34,588	111,824	51,971	34,588	126,529	51,971	621,588
LBS/ACRE	31	58	63	13	25	57	49	62	57	49	71	57	46
ACRE TRTD/DIST	1.5	0.8	0.8	0.2	0.4	0.2	0.2	0.4	0.2	0.2	0.4	0.2	3.1
LBS/ACRE DIST	47.0	44.4	47.7	2.1	9.8	11.6	7.7	25.0	11.6	7.7	28.3	11.6	139.0
ACRES HAY	0	1,030	1,030	0	0	0	0	1,030	0	0	1,030	0	2,061
LBS	0	57,758	159,273	0	0	0	0	57,758	0	0	159,273	0	217,030
LBS/ACRE	0	56	155	0	0	0	0	56	0	0	155	0	105
ACRE TRTD/DIST	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.2	0.0	0.3
LBS/ACRE DIST	0.0	9.3	25.8	0.0	0.0	0.0	0.0	9.3	0.0	0.0	25.8	0.0	35.1
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	170,843	124,617	142,372	102,877	32,501	23,891	75,428	20,340	20,687	75,428	38,095	20,687	437,833
LBS	10,950,365	5,995,583	7,787,528	5,726,557	1,769,886	1,879,475	3,081,956	1,099,022	1,259,504	1,747,731	3,279,850	1,739,538	24,733,476
LBS/ACRE	64	48	55	56	55	79	41	54	61	23	86	84	57
ACRE TRTD/DIST	0.9	0.6	0.7	0.5	0.2	0.1	0.4	0.1	0.1	0.4	0.2	0.1	2.2
LBS/ACRE DIST	55.2	30.2	39.2	28.9	8.9	9.5	15.5	5.5	6.3	8.8	16.5	8.8	124.6

(TABLE 51) SUMMATION OF THE DISTRICT TOTALS FOR ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER BY THE METHOD OF APPLICATION IN THE LAKE ERIE BASIN OF OHIO

LAKE ERIE DRAINAGE AREA OF OHIO - 1986

** FERTILIZER BY METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR BASIN FROM SURVEY ACRES AND RATES

	CORN ACRES	SOYBEAN ACRES	WHEAT ACRES	OATS ACRES	HAY ACRES	OTHER CROP ACRES	TOTAL CROP ACRES
**********	1,541,474.2	2,001,283.3	613,282.8	90,672.3	400,915.7	27,260.9	4,674,889.1

** METHOD APP **	NITROGEN	P2O5	K2O	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	2,972,826	1,749,594	1,861,374	1,381,228	613,785	953,352	886,948	346,140	498,628	724,459	561,949	557,089	6,583,793
LBS	231,605,817	106,329,942	153,087,893	92,672,227	49,128,214	86,065,638	52,571,537	21,875,436	31,174,057	32,365,533	65,285,901	53,151,539	491,023,651
LBS/ACRE	78	61	82	67	80	90	59	63	63	45	116	95	75
ACRE TRTD/AREA	1.9	1.1	1.2	0.9	0.4	0.6	0.6	0.2	0.3	0.5	0.4	0.4	4.3
LBS/ACRE AREA	150.2	69.0	99.3	60.1	31.9	55.8	34.1	14.2	20.2	21.0	42.4	34.5	318.5
ACRES SOYBEANS	336,578	655,183	925,792	118,522	134,129	79,888	148,640	233,106	268,681	163,275	408,565	348,410	1,917,552
LBS	4,647,823	25,980,133	72,187,705	1,151,252	2,177,927	1,277,490	4,958,360	9,460,706	11,381,696	7,195,265	37,304,080	27,088,947	102,815,661
LBS/ACRE	14	40	78	10	16	16	33	41	42	44	91	78	54
ACRE TRTD/AREA	0.2	0.3	0.5	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.2	0.2	1.0
LBS/ACRE AREA	2.3	13.0	36.1	0.6	1.1	0.6	2.5	4.7	5.7	3.6	18.6	13.5	51.4
ACRES WHEAT	924,845	577,836	580,283	36,251	589,975	288,356	17,543	281,931	274,606	17,543	281,039	277,945	2,082,964
LBS	40,784,520	33,493,961	38,733,510	1,973,349	27,685,927	10,635,654	850,390	16,444,645	15,993,550	836,023	17,794,063	19,872,710	113,011,990
LBS/ACRE	44	58	67	54	47	37	49	58	58	48	63	72	54
ACRE TRTD/AREA	1.5	0.9	0.9	0.1	1.0	0.5	0.0	0.5	0.4	0.0	0.5	0.5	3.4
LBS/ACRE AREA	66.5	54.6	63.2	3.2	45.1	17.3	1.4	26.8	26.1	1.4	29.0	32.4	184.3
ACRES OATS	153,426	75,342	75,342	6,391	29,818	40,505	6,391	28,280	40,505	6,391	28,280	40,505	304,110
LBS	5,531,533	3,877,554	3,989,508	182,129	967,276	1,616,362	389,241	1,432,905	2,046,946	361,917	1,513,513	2,088,578	13,398,596
LBS/ACRE	36	52	53	29	32	40	61	51	51	57	54	52	44
ACRE TRTD/AREA	1.7	0.8	0.8	0.1	0.3	0.4	0.1	0.3	0.4	0.1	0.3	0.4	3.4
LBS/ACRE AREA	61.0	42.8	44.0	2.0	10.7	17.8	4.3	15.8	22.6	4.0	16.7	23.0	147.8
ACRES HAY	82,195	192,655	234,346	578	76,049	5,568	1,138	177,858	13,659	578	217,522	16,245	509,196
LBS	1,916,403	9,544,340	25,896,633	14,438	1,685,493	216,473	95,990	8,693,666	754,684	39,750	23,887,341	1,969,542	37,357,375
LBS/ACRE	23	50	111	25	22	39	84	49	55	69	110	121	73
ACRE TRTD/AREA	0.2	0.5	0.6	0.0	0.2	0.0	0.0	0.4	0.0	0.0	0.5	0.0	1.3
LBS/ACRE AREA	4.8	23.8	64.6	0.0	4.2	0.5	0.2	21.7	1.9	0.1	59.6	4.9	93.2
ACRES OTHER CP	29,787	19,823	22,071	9,823	6,392	12,549	6,061	3,479	9,260	4,477	3,414	13,157	71,680
LBS	1,837,720	1,600,938	3,614,880	573,269	436,271	754,517	323,664	254,704	920,260	261,485	601,266	2,696,882	7,053,538
LBS/ACRE	62	81	164	58	68	60	53	73	99	58	176	205	98
ACRE TRTD/AREA	1.1	0.7	0.8	0.4	0.2	0.5	0.2	0.1	0.3	0.2	0.1	0.5	2.6
LBS/ACRE AREA	67.4	58.7	132.6	21.0	16.0	27.7	11.9	9.3	33.8	9.6	22.1	98.9	258.7
ACRES CROPS	4,499,656	3,270,432	3,699,208	1,552,794	1,450,147	1,380,217	1,066,721	1,070,793	1,105,338	916,724	1,500,768	1,253,350	11,469,296
LBS	286,323,815	180,826,867	297,510,129	96,566,663	82,081,107	100,566,133	59,189,181	58,162,063	62,271,192	41,059,973	146,386,163	106,868,198	764,660,811
LBS/ACRE	64	55	80	62	57	73	56	54	56	45	98	85	67
ACRE TRTD/AREA	1.0	0.7	0.8	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.3	0.3	2.5
LBS/ACRE AREA	61.2	38.7	63.6	20.7	17.6	21.5	12.7	12.4	13.3	8.8	31.3	22.9	163.6

APPENDIX 5

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(TABLE 52) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND METHOD OF APPLICATION USED IN ALLEN COUNTY - 1986

** FERTILIZER BY METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
ALLEN	3	3	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********			53,750.0	6.8	73,828.1	6.4	21,692.3	7.8	2,100.0	7.0	7,151.5	3.3	0.0	0.0	158,521.9

** METH APP **	NITROGEN	P2O5	K2O	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	104,794	53,368	51,206	29,721	31,677	43,015	16,941	12,632	23,794	11,500	15,853	23,853	209,368
LBS	8,619,355	3,455,899	5,053,873	1,975,353	2,282,185	4,291,152	830,845	971,587	1,653,466	770,699	1,926,735	2,356,439	17,129,126
LBS/ACRE	82	65	99	67	72	100	49	77	70	67	122	99	82
ACRE TRTD/CNTY	1.9	1.0	1.0	0.6	0.6	0.8	0.3	0.2	0.4	0.2	0.3	0.4	3.9
LBS/ACRE CNTY	160.4	64.3	94.0	36.8	42.5	79.8	15.5	18.1	30.8	14.3	35.8	43.8	318.7
ACRES SOYBEANS	9,250	16,391	20,516	1,656	1,563	6,031	1,656	4,875	9,859	1,656	10,563	8,297	46,156
LBS	157,547	760,964	1,906,378	24,844	42,188	90,516	66,250	288,761	405,953	165,625	1,175,285	565,469	2,824,889
LBS/ACRE	17	46	93	15	27	15	40	59	41	100	111	68	61
ACRE TRTD/CNTY	0.1	0.2	0.3	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.1	0.1	0.6
LBS/ACRE CNTY	2.1	10.3	25.8	0.3	0.6	1.2	0.9	3.9	5.5	2.2	15.9	7.7	38.3
ACRES WHEAT	31,321	13,885	13,628	0	24,180	7,141	0	7,385	6,500	0	7,128	6,500	58,833
LBS	1,676,069	790,218	1,063,936	0	1,334,902	341,167	0	377,180	413,039	0	539,103	524,833	3,530,223
LBS/ACRE	54	57	78	0	55	48	0	51	64	0	76	81	60
ACRE TRTD/CNTY	1.4	0.6	0.6	0.0	1.1	0.3	0.0	0.3	0.3	0.0	0.3	0.3	2.7
LBS/ACRE CNTY	77.3	36.4	49.0	0.0	61.5	15.7	0.0	17.4	19.0	0.0	24.9	24.2	162.7
ACRES OATS	1,000	1,000	1,000	0	443	557	0	443	557	0	443	557	3,000
LBS	45,200	53,557	53,557	0	21,214	23,986	0	21,214	32,343	0	21,214	32,343	152,314
LBS/ACRE	45	54	54	0	48	43	0	48	58	0	48	58	51
ACRE TRTD/CNTY	0.5	0.5	0.5	0.0	0.2	0.3	0.0	0.2	0.3	0.0	0.2	0.3	1.4
LBS/ACRE CNTY	21.5	25.5	25.5	0.0	10.1	11.4	0.0	10.1	15.4	0.0	10.1	15.4	72.5
ACRES HAY	0	2,515	2,758	0	0	0	0	1,909	606	0	2,152	606	5,273
LBS	0	90,485	290,909	0	0	0	0	62,606	27,879	0	218,182	72,727	381,394
LBS/ACRE	0	36	106	0	0	0	0	33	46	0	101	120	72
ACRE TRTD/CNTY	0.0	0.4	0.4	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.3	0.1	0.7
LBS/ACRE CNTY	0.0	12.7	40.7	0.0	0.0	0.0	0.0	8.8	3.9	0.0	30.5	10.2	53.3
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	146,365	87,158	89,107	31,377	57,861	56,744	18,597	27,244	41,317	13,156	36,138	39,813	322,630
LBS	10,498,171	5,151,122	8,368,653	2,000,197	3,680,489	4,746,820	897,095	1,721,348	2,532,679	936,324	3,880,518	3,551,811	24,017,946
LBS/ACRE	72	59	94	64	64	84	48	63	61	71	107	89	74
ACRE TRTD/CNTY	0.9	0.5	0.6	0.2	0.4	0.4	0.1	0.2	0.3	0.1	0.2	0.3	2.0
LBS/ACRE CNTY	66.2	32.5	52.8	12.6	23.2	29.9	5.7	10.9	16.0	5.9	24.5	22.4	151.5

(TABLE 53) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND METHOD OF APPLICATION USED IN DEFIANCE COUNTY - 1986

** FERTILIZER BY METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
DEFIANCE	39	39	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********			31,027.0	7.4	73,741.9	6.2	23,500.0	6.4	4,178.6	5.6	8,787.9	3.3	249.9	36.5	141,485.3

** METH APP **	NITROGEN	P205	K20	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	60,324	37,960	37,960	34,905	12,041	11,243	23,784	6,122	8,054	19,635	10,270	8,054	136,243
LBS	3,710,716	2,436,203	2,394,203	2,079,284	593,027	795,000	1,664,581	271,568	500,054	990,487	808,662	595,054	8,541,122
LBS/ACRE	62	64	63	60	49	71	70	44	62	50	79	74	63
ACRE TRTD/CNTY	1.9	1.2	1.2	1.1	0.4	0.4	0.8	0.2	0.3	0.6	0.3	0.3	4.4
LBS/ACRE CNTY	119.6	78.5	77.2	67.0	19.1	25.6	53.6	8.8	16.1	31.9	26.1	19.2	275.3
ACRES SOYBEANS	3,516	14,726	22,823	1,984	726	807	1,984	6,661	5,661	1,984	14,758	5,661	41,065
LBS	33,371	602,790	3,272,484	21,919	3,387	8,065	87,145	242,645	253,710	87,145	2,797,016	354,774	3,908,645
LBS/ACRE	10	41	143	11	5	10	44	36	45	44	190	63	95
ACRE TRTD/CNTY	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.2	0.1	0.6
LBS/ACRE CNTY	0.5	8.2	44.4	0.3	0.0	0.1	1.2	3.3	3.4	1.2	37.9	4.8	53.0
ACRES WHEAT	34,953	22,047	22,047	0	24,406	7,828	0	13,078	7,609	0	13,078	7,609	79,047
LBS	1,347,867	1,266,930	1,360,188	0	1,064,031	198,195	0	750,188	454,211	0	791,656	486,969	3,974,984
LBS/ACRE	39	58	62	0	44	25	0	57	60	0	61	64	50
ACRE TRTD/CNTY	1.5	0.9	0.9	0.0	1.0	0.3	0.0	0.6	0.3	0.0	0.6	0.3	3.4
LBS/ACRE CNTY	57.4	53.9	57.9	0.0	45.3	8.4	0.0	31.9	19.3	0.0	33.7	20.7	169.1
ACRES OATS	4,571	3,946	3,946	0	2,321	2,250	0	1,696	2,250	0	1,696	2,250	12,464
LBS	122,679	173,411	182,411	0	42,607	80,071	0	73,089	100,321	0	82,089	100,321	478,500
LBS/ACRE	27	44	46	0	18	36	0	43	45	0	48	45	38
ACRE TRTD/CNTY	1.1	0.9	0.9	0.0	0.6	0.5	0.0	0.4	0.5	0.0	0.4	0.5	3.0
LBS/ACRE CNTY	29.4	41.5	43.7	0.0	10.2	19.2	0.0	17.5	24.0	0.0	19.6	24.0	114.5
ACRES HAY	909	2,485	2,485	0	909	0	0	2,061	424	0	2,061	424	5,879
LBS	5,455	132,242	354,667	0	5,455	0	0	112,727	19,515	0	303,758	50,909	492,364
LBS/ACRE	6	53	143	0	6	0	0	55	46	0	147	120	84
ACRE TRTD/CNTY	0.1	0.3	0.3	0.0	0.1	0.0	0.0	0.2	0.0	0.0	0.2	0.0	0.7
LBS/ACRE CNTY	0.6	15.0	40.4	0.0	0.6	0.0	0.0	12.8	2.2	0.0	34.6	5.8	56.0
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	104,274	81,163	89,260	36,889	40,403	22,128	25,768	29,618	23,999	21,619	41,864	23,999	274,698
LBS	5,220,088	4,611,576	7,563,952	2,101,203	1,708,507	1,081,331	1,751,726	1,450,217	1,327,811	1,077,632	4,783,181	1,588,028	17,395,615
LBS/ACRE	50	57	85	57	42	49	68	49	55	50	114	66	63
ACRE TRTD/CNTY	0.7	0.6	0.6	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.2	1.9
LBS/ACRE CNTY	36.9	32.6	53.5	14.9	12.1	7.6	12.4	10.2	9.4	7.6	33.8	11.2	123.0

(TABLE 54) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND METHOD OF APPLICATION USED IN FULTON COUNTY - 1986

** FERTILIZER BY METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
FULTON	51	51	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********			89,261.5	6.5	76,631.6	5.7	13,377.4	5.3	0.0	0.0	5,973.7	3.8	1,030.7	39.1	186,274.9

** METH APP **	NITROGEN	P2O5	K2O	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	178,600	90,292	126,077	65,785	41,739	71,077	43,508	25,308	21,477	35,123	55,554	35,400	394,969
LBS	15,059,262	5,358,877	11,082,400	4,758,277	1,543,246	8,757,739	2,855,831	1,349,800	1,153,246	1,677,969	6,618,585	2,785,846	31,500,539
LBS/ACRE	84	59	88	72	37	123	66	53	54	48	119	79	80
ACRE TRTD/CNTY	2.0	1.0	1.4	0.7	0.5	0.8	0.5	0.3	0.2	0.4	0.6	0.4	4.4
LBS/ACRE CNTY	168.7	60.0	124.2	53.3	17.3	98.1	32.0	15.1	12.9	18.8	74.1	31.2	352.9
ACRES SOYBEANS	21,211	31,333	56,263	10,281	4,825	6,105	10,281	5,877	15,175	23,667	13,912	18,684	108,807
LBS	216,386	1,226,298	3,975,965	114,983	54,912	46,491	426,983	240,211	559,105	1,365,140	1,484,702	1,126,123	5,418,649
LBS/ACRE	10	39	71	11	11	8	42	41	37	58	107	60	50
ACRE TRTD/CNTY	0.3	0.4	0.7	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.2	0.2	1.4
LBS/ACRE CNTY	2.8	16.0	51.9	1.5	0.7	0.6	5.6	3.1	7.3	17.8	19.4	14.7	70.7
ACRES WHEAT	20,245	13,925	14,302	717	12,849	6,679	717	7,415	5,793	717	7,793	5,793	48,472
LBS	904,566	712,472	1,013,717	25,453	535,811	343,302	44,453	376,566	291,453	44,453	593,849	375,415	2,630,755
LBS/ACRE	45	51	71	36	42	51	62	51	50	62	76	65	54
ACRE TRTD/CNTY	1.5	1.0	1.1	0.1	1.0	0.5	0.1	0.6	0.4	0.1	0.6	0.4	3.6
LBS/ACRE CNTY	67.6	53.3	75.8	1.9	40.1	25.7	3.3	28.1	21.8	3.3	44.4	28.1	196.7
ACRES OATS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES HAY	526	4,053	4,711	0	526	0	0	3,605	447	0	4,263	447	9,290
LBS	3,737	175,316	556,447	0	3,737	0	0	154,737	20,579	0	502,763	53,684	735,500
LBS/ACRE	7	43	118	0	7	0	0	43	46	0	118	120	79
ACRE TRTD/CNTY	0.1	0.7	0.8	0.0	0.1	0.0	0.0	0.6	0.1	0.0	0.7	0.1	1.6
LBS/ACRE CNTY	0.6	29.3	93.1	0.0	0.6	0.0	0.0	25.9	3.4	0.0	84.2	9.0	123.1
ACRES OTHER CP	934	934	1,726	0	0	141	0	0	141	0	793	141	3,593
LBS	74,169	92,532	245,064	0	0	17,084	0	0	13,248	0	190,281	11,969	411,765
LBS/ACRE	80	99	142	0	0	122	0	0	94	0	240	85	115
ACRE TRTD/CNTY	0.9	0.9	1.7	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.8	0.1	3.5
LBS/ACRE CNTY	72.0	89.8	237.8	0.0	0.0	16.6	0.0	0.0	12.9	0.0	184.6	11.6	399.5
ACRES CROPS	221,516	140,536	203,079	76,782	59,938	84,002	54,505	42,205	43,033	59,507	82,315	60,465	565,131
LBS	16,258,119	7,565,495	16,873,593	4,898,712	2,137,707	9,164,616	3,327,266	2,121,313	2,037,631	3,087,562	9,390,180	4,353,038	40,697,207
LBS/ACRE	73	54	83	64	36	109	61	50	47	52	114	72	72
ACRE TRTD/CNTY	1.2	0.8	1.1	0.4	0.3	0.5	0.3	0.2	0.2	0.3	0.4	0.3	3.0
LBS/ACRE CNTY	87.3	40.6	90.6	26.3	11.5	49.2	17.9	11.4	10.9	16.6	50.4	23.4	218.5

(TABLE 55) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND METHOD OF APPLICATION USED IN HANCOCK COUNTY - 1986

** FERTILIZER BY METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR ACRES	CORN FACTOR USED	SOYBEAN FACTOR ACRES	SOYBEAN FACTOR USED	WHEAT FACTOR ACRES	WHEAT FACTOR USED	OATS FACTOR ACRES	OATS FACTOR USED	HAY FACTOR ACRES	HAY FACTOR USED	OTHER CROP FACTOR ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
HANCOCK	63	63	70,472.2	7.2	114,588.2	6.8	44,257.1	7.0	1,194.0	6.7	7,821.4	2.8	680.0	63.1	239,013.1
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** METH APP **	NITROGEN	P2O5	K2O	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	151,931	89,139	100,139	69,903	35,750	43,500	41,278	22,208	25,653	37,361	28,736	34,042	341,208
LBS	11,954,361	5,957,889	9,585,750	5,812,694	2,323,389	3,407,167	2,625,681	1,666,056	1,666,153	1,295,681	3,702,681	4,587,389	27,498,000
LBS/ACRE	79	67	96	83	65	78	64	75	65	35	129	135	81
ACRE TRTD/CNTY	2.2	1.3	1.4	1.0	0.5	0.6	0.6	0.3	0.4	0.5	0.4	0.5	4.8
LBS/ACRE CNTY	169.6	84.5	136.0	82.5	33.0	48.3	37.3	23.6	23.6	18.4	52.5	65.1	390.2
ACRES SOYBEANS	17,779	27,691	43,191	2,059	11,824	3,897	2,059	14,177	11,456	1,324	16,235	25,632	88,662
LBS	206,088	1,084,706	3,607,559	10,735	145,500	49,853	46,471	516,029	522,206	7,794	838,059	2,761,706	4,898,353
LBS/ACRE	12	39	84	5	12	13	23	36	46	6	52	108	55
ACRE TRTD/CNTY	0.2	0.2	0.4	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.2	0.8
LBS/ACRE CNTY	1.8	9.5	31.5	0.1	1.3	0.4	0.4	4.5	4.6	0.1	7.3	24.1	42.7
ACRES WHEAT	74,029	45,771	46,243	4,686	48,843	20,500	686	24,300	20,786	686	24,443	21,114	166,043
LBS	3,366,443	3,077,443	3,207,900	398,429	2,107,157	860,857	37,714	1,694,286	1,345,443	37,714	1,655,371	1,514,814	9,651,786
LBS/ACRE	46	67	69	85	43	42	55	70	65	55	68	72	58
ACRE TRTD/CNTY	1.7	1.0	1.0	0.1	1.1	0.5	0.0	0.5	0.5	0.0	0.6	0.5	3.8
LBS/ACRE CNTY	76.1	69.5	72.5	9.0	47.6	19.5	0.9	38.3	30.4	0.9	37.4	34.2	218.1
ACRES OATS	716	716	716	0	149	567	0	149	567	0	149	567	2,149
LBS	26,149	41,552	46,567	0	1,791	24,358	0	7,164	34,388	0	7,164	39,403	114,269
LBS/ACRE	37	58	65	0	12	43	0	48	61	0	48	70	53
ACRE TRTD/CNTY	0.6	0.6	0.6	0.0	0.1	0.5	0.0	0.1	0.5	0.0	0.1	0.5	1.8
LBS/ACRE CNTY	21.9	34.8	39.0	0.0	1.5	20.4	0.0	6.0	28.8	0.0	6.0	33.0	95.7
ACRES HAY	2,500	3,000	4,429	0	2,500	0	0	2,857	143	0	4,286	143	9,929
LBS	77,143	168,714	315,000	0	77,143	0	0	162,143	6,571	0	297,857	17,143	560,857
LBS/ACRE	31	56	71	0	31	0	0	57	46	0	70	120	57
ACRE TRTD/CNTY	0.3	0.4	0.6	0.0	0.3	0.0	0.0	0.4	0.0	0.0	0.5	0.0	1.3
LBS/ACRE CNTY	9.9	21.6	40.3	0.0	9.9	0.0	0.0	20.7	0.8	0.0	38.1	2.2	71.7
ACRES OTHER CP	785	523	563	523	0	262	262	0	262	262	40	262	1,870
LBS	50,729	21,442	36,894	46,022	0	4,707	9,414	0	12,029	3,138	2,377	31,379	109,065
LBS/ACRE	65	41	66	88	0	18	36	0	46	12	60	120	58
ACRE TRTD/CNTY	1.2	0.8	0.8	0.8	0.0	0.4	0.4	0.0	0.4	0.4	0.1	0.4	2.7
LBS/ACRE CNTY	74.6	31.5	54.3	67.7	0.0	6.9	13.8	0.0	17.7	4.6	3.5	46.1	160.4
ACRES CROPS	247,739	166,841	195,281	77,170	99,066	68,726	44,284	63,691	58,866	39,632	73,889	81,760	609,861
LBS	15,680,913	10,351,746	16,799,670	6,267,881	4,654,980	4,346,942	2,719,279	4,045,678	3,586,790	1,344,327	6,503,509	8,951,834	42,832,329
LBS/ACRE	63	62	86	81	47	63	61	64	61	34	88	110	70
ACRE TRTD/CNTY	1.0	0.7	0.8	0.3	0.4	0.3	0.2	0.3	0.2	0.2	0.3	0.3	2.6
LBS/ACRE CNTY	65.6	43.3	70.3	26.2	19.5	18.2	11.4	16.9	15.0	5.6	27.2	37.5	179.2

(TABLE 56) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND METHOD OF APPLICATION USED IN HENRY COUNTY - 1986

** FERTILIZER BY METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR ACRES	CORN FACTOR USED	SOYBEAN FACTOR ACRES	SOYBEAN FACTOR USED	WHEAT FACTOR ACRES	WHEAT FACTOR USED	OATS FACTOR ACRES	OATS FACTOR USED	HAY FACTOR ACRES	HAY FACTOR USED	OTHER CROP FACTOR ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
HENRY	69	69													
**********			66,697.0	9.9	89,270.0	10.0	29,474.2	9.7	1,792.5	5.3	7,576.3	5.9	1,111.7	26.4	195,921.7

** METH APP **	NITROGEN	P2O5	K2O	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	131,697	75,071	77,737	71,556	27,263	32,879	39,475	17,707	17,889	33,434	19,606	24,697	284,505
LBS	10,641,768	4,502,626	5,741,333	5,091,960	2,418,202	3,131,606	2,328,717	1,295,101	878,808	1,478,434	2,077,828	2,185,071	20,885,727
LBS/ACRE	81	60	74	71	89	95	59	73	49	44	106	89	73
ACRE TRTD/CNTY	2.0	1.1	1.2	1.1	0.4	0.5	0.6	0.3	0.3	0.5	0.3	0.4	4.3
LBS/ACRE CNTY	159.6	67.5	86.1	76.3	36.3	47.0	34.9	19.4	13.2	22.2	31.2	32.8	313.1
ACRES SOYBEANS	10,060	16,240	24,390	2,950	2,410	1,850	6,050	3,740	3,600	6,050	11,290	4,200	50,690
LBS	102,210	557,270	1,923,520	26,680	26,460	20,570	209,220	113,020	135,280	304,620	1,009,500	267,400	2,583,000
LBS/ACRE	10	34	79	9	11	11	35	30	38	50	89	64	51
ACRE TRTD/CNTY	0.1	0.2	0.3	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.6
LBS/ACRE CNTY	1.1	6.2	21.5	0.3	0.3	0.2	2.3	1.3	1.5	3.4	11.3	3.0	28.9
ACRES WHEAT	43,856	26,897	26,897	165	33,670	10,021	0	18,000	8,897	0	18,000	8,897	97,650
LBS	1,688,990	1,706,619	1,817,887	9,897	1,339,753	339,340	0	1,215,722	490,897	0	1,231,072	586,814	5,213,495
LBS/ACRE	39	64	68	60	40	34	0	68	55	0	68	66	53
ACRE TRTD/CNTY	1.5	0.9	0.9	0.0	1.1	0.3	0.0	0.6	0.3	0.0	0.6	0.3	3.3
LBS/ACRE CNTY	57.3	57.9	61.7	0.3	45.5	11.5	0.0	41.2	16.7	0.0	41.8	19.9	176.9
ACRES OATS	1,340	1,340	1,340	321	774	245	321	774	245	321	774	245	4,019
LBS	55,717	55,717	55,717	12,509	32,170	11,038	12,509	32,170	11,038	12,509	32,170	11,038	167,151
LBS/ACRE	42	42	42	39	42	45	39	42	45	39	42	45	42
ACRE TRTD/CNTY	0.7	0.7	0.7	0.2	0.4	0.1	0.2	0.4	0.1	0.2	0.4	0.1	2.2
LBS/ACRE CNTY	31.1	31.1	31.1	7.0	17.9	6.2	7.0	17.9	6.2	7.0	17.9	6.2	93.3
ACRES HAY	170	3,966	4,390	0	170	0	0	3,678	288	0	4,102	288	8,525
LBS	3,051	171,898	556,966	0	3,051	0	0	158,644	13,254	0	522,390	34,576	731,915
LBS/ACRE	18	43	127	0	18	0	0	43	46	0	127	120	86
ACRE TRTD/CNTY	0.0	0.5	0.6	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.0	1.1
LBS/ACRE CNTY	0.4	22.7	73.5	0.0	0.4	0.0	0.0	20.9	1.7	0.0	69.0	4.6	96.6
ACRES OTHER CP	11	63	63	0	0	11	0	52	11	0	52	11	137
LBS	909	3,165	6,864	0	0	909	0	2,370	796	0	6,182	682	10,938
LBS/ACRE	80	50	109	0	0	80	0	46	70	0	120	60	80
ACRE TRTD/CNTY	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
LBS/ACRE CNTY	0.8	2.8	6.2	0.0	0.0	0.8	0.0	2.1	0.7	0.0	5.6	0.6	9.8
ACRES CROPS	187,133	123,576	134,817	74,991	64,286	45,006	45,846	43,950	30,931	39,805	53,823	38,339	445,526
LBS	12,492,644	6,997,295	10,102,287	5,141,046	3,819,635	3,503,463	2,550,447	2,817,026	1,530,072	1,795,564	4,879,142	3,085,581	29,592,226
LBS/ACRE	67	57	75	69	59	78	56	64	50	45	91	81	66
ACRE TRTD/CNTY	1.0	0.6	0.7	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.2	2.3
LBS/ACRE CNTY	63.8	35.7	51.6	26.2	19.5	17.9	13.0	14.4	7.8	9.2	24.9	15.7	151.0

(TABLE 57) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND METHOD OF APPLICATION USED IN LUCAS COUNTY - 1986

** FERTILIZER BY METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
LUCAS	95	95	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********			26,571.4	2.1	34,708.3	4.8	5,020.8	4.8	0.0	0.0	2,111.1	9.0	449.5	32.7	68,861.2

** METH APP **	NITROGEN	P2O5	K2O	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	48,667	24,429	34,905	18,762	6,667	23,238	14,000	0	10,429	14,000	10,476	10,429	108,000
LBS	3,936,762	1,569,714	2,110,191	348,095	953,143	2,635,524	615,429	0	954,286	292,095	963,810	854,286	7,616,667
LBS/ACRE	81	64	61	19	143	113	44	0	92	21	92	82	71
ACRE TRTD/CNTY	1.8	0.9	1.3	0.7	0.3	0.9	0.5	0.0	0.4	0.5	0.4	0.4	4.1
LBS/ACRE CNTY	148.2	59.1	79.4	13.1	35.9	99.2	23.2	0.0	35.9	11.0	36.3	32.2	286.6
ACRES SOYBEANS	12,042	13,667	19,021	8,708	3,125	208	8,708	3,125	1,833	8,708	8,479	1,833	44,729
LBS	140,979	426,250	812,229	113,479	25,000	2,500	241,500	100,000	84,750	228,271	443,958	140,000	1,379,458
LBS/ACRE	12	31	43	13	8	12	28	32	46	26	52	76	31
ACRE TRTD/CNTY	0.3	0.4	0.5	0.3	0.1	0.0	0.3	0.1	0.1	0.3	0.2	0.1	1.3
LBS/ACRE CNTY	4.1	12.3	23.4	3.3	0.7	0.1	7.0	2.9	2.4	6.6	12.8	4.0	39.7
ACRES WHEAT	6,250	2,833	2,833	0	3,979	2,271	0	563	2,271	0	563	2,271	11,917
LBS	284,729	187,896	214,104	0	185,188	99,542	0	36,563	151,333	0	36,563	177,542	686,729
LBS/ACRE	46	66	76	0	47	44	0	65	67	0	65	78	58
ACRE TRTD/CNTY	1.2	0.6	0.6	0.0	0.8	0.5	0.0	0.1	0.5	0.0	0.1	0.5	2.4
LBS/ACRE CNTY	56.7	37.4	42.6	0.0	36.9	19.8	0.0	7.3	30.1	0.0	7.3	35.4	136.8
ACRES OATS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES HAY	1,889	2,111	2,444	0	1,889	0	0	2,111	0	0	2,444	0	6,444
LBS	11,000	76,556	140,333	0	11,000	0	0	76,556	0	0	140,333	0	227,889
LBS/ACRE	6	36	57	0	6	0	0	36	0	0	57	0	35
ACRE TRTD/CNTY	0.9	1.0	1.2	0.0	0.9	0.0	0.0	1.0	0.0	0.0	1.2	0.0	3.1
LBS/ACRE CNTY	5.2	36.3	66.5	0.0	5.2	0.0	0.0	36.3	0.0	0.0	66.5	0.0	107.9
ACRES OTHER CP	1,220	425	829	801	0	419	404	0	21	404	0	425	2,474
LBS	105,878	14,771	52,312	50,202	0	55,676	13,957	0	814	13,957	0	38,355	172,960
LBS/ACRE	87	35	63	63	0	133	35	0	38	35	0	90	70
ACRE TRTD/CNTY	2.7	0.9	1.8	1.8	0.0	0.9	0.9	0.0	0.0	0.9	0.0	0.9	5.5
LBS/ACRE CNTY	235.5	32.9	116.4	111.7	0.0	123.9	31.0	0.0	1.8	31.0	0.0	85.3	384.7
ACRES CROPS	70,067	43,465	60,032	28,272	15,660	26,136	23,112	5,799	14,554	23,112	21,962	14,958	173,564
LBS	4,479,348	2,275,186	3,329,169	511,776	1,174,330	2,793,241	870,886	213,118	1,191,183	534,323	1,584,664	1,210,182	10,083,703
LBS/ACRE	64	52	56	18	75	107	38	37	82	23	72	81	58
ACRE TRTD/CNTY	1.0	0.6	0.9	0.4	0.2	0.4	0.3	0.1	0.2	0.3	0.3	0.2	2.5
LBS/ACRE CNTY	65.0	33.0	48.3	7.4	17.1	40.6	12.6	3.1	17.3	7.8	23.0	17.6	146.4

(TABLE 58) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND METHOD OF APPLICATION USED IN PAULDING COUNTY - 1986

** FERTILIZER BY METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
PAULDING	125	125	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********			49,731.7	8.2	93,040.5	7.4	24,060.2	13.3	4,204.1	4.9	6,602.2	9.3	0.0	0.0	177,638.6

** METH APP **	NITROGEN	P2O5	K2O	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	99,159	67,281	69,963	68,610	12,061	18,488	39,049	16,256	11,976	35,878	22,110	11,976	236,402
LBS	7,198,475	3,950,976	4,870,623	5,022,402	766,659	1,409,415	2,260,257	988,061	702,659	1,892,634	1,785,281	1,192,707	16,020,073
LBS/ACRE	73	59	70	73	64	76	58	61	59	53	81	100	68
ACRE TRTD/CNTY	2.0	1.4	1.4	1.4	0.2	0.4	0.8	0.3	0.2	0.7	0.4	0.2	4.8
LBS/ACRE CNTY	144.7	79.4	97.9	101.0	15.4	28.3	45.4	19.9	14.1	38.1	35.9	24.0	322.1
ACRES SOYBEANS	12,460	23,676	25,351	8,135	4,324	0	8,135	5,405	10,135	8,135	7,081	10,135	61,487
LBS	304,485	974,488	1,449,758	65,295	239,189	0	234,758	142,973	596,757	234,758	627,838	587,162	2,728,730
LBS/ACRE	24	41	57	8	55	0	29	26	59	29	89	58	44
ACRE TRTD/CNTY	0.1	0.3	0.3	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.7
LBS/ACRE CNTY	3.3	10.5	15.6	0.7	2.6	0.0	2.5	1.5	6.4	2.5	6.7	6.3	29.3
ACRES WHEAT	40,481	23,263	23,263	316	31,895	8,271	316	14,677	8,271	316	14,677	8,271	87,008
LBS	1,907,364	1,508,587	1,665,369	5,684	1,573,425	328,256	22,737	903,406	582,444	22,737	946,459	696,173	5,081,319
LBS/ACRE	47	65	72	18	49	40	72	62	70	72	65	84	58
ACRE TRTD/CNTY	1.7	1.0	1.0	0.0	1.3	0.3	0.0	0.6	0.3	0.0	0.6	0.3	3.6
LBS/ACRE CNTY	79.3	62.7	69.2	0.2	65.4	13.6	0.9	37.5	24.2	0.9	39.3	28.9	211.2
ACRES OATS	4,082	3,265	3,265	0	1,469	2,612	0	653	2,612	0	653	2,612	10,612
LBS	221,959	156,980	156,980	0	86,327	135,633	0	21,347	135,633	0	21,347	135,633	535,918
LBS/ACRE	54	48	48	0	59	52	0	33	52	0	33	52	51
ACRE TRTD/CNTY	1.0	0.8	0.8	0.0	0.3	0.6	0.0	0.2	0.6	0.0	0.2	0.6	2.5
LBS/ACRE CNTY	52.8	37.3	37.3	0.0	20.5	32.3	0.0	5.1	32.3	0.0	5.1	32.3	127.5
ACRES HAY	548	548	548	0	548	0	0	548	0	0	548	0	1,645
LBS	7,398	9,979	9,979	0	7,398	0	0	9,979	0	0	9,979	0	27,355
LBS/ACRE	14	18	18	0	14	0	0	18	0	0	18	0	17
ACRE TRTD/CNTY	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.2
LBS/ACRE CNTY	1.1	1.5	1.5	0.0	1.1	0.0	0.0	1.5	0.0	0.0	1.5	0.0	4.1
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	156,729	118,033	122,392	77,061	50,298	29,371	47,500	37,540	32,994	44,329	45,069	32,994	397,154
LBS	9,639,681	6,601,008	8,152,707	5,093,381	2,672,997	1,873,303	2,517,751	2,065,766	2,017,492	2,150,129	3,390,903	2,611,675	24,393,396
LBS/ACRE	62	56	67	66	53	64	53	55	61	49	75	79	61
ACRE TRTD/CNTY	0.9	0.7	0.7	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.2	2.2
LBS/ACRE CNTY	54.3	37.2	45.9	28.7	15.0	10.5	14.2	11.6	11.4	12.1	19.1	14.7	137.3

(TABLE 59) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND METHOD OF APPLICATION USED IN PUTNAM COUNTY - 1986

** FERTILIZER BY METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR ACRES	CORN FACTOR USED	SOYBEAN FACTOR ACRES	SOYBEAN FACTOR USED	WHEAT FACTOR ACRES	WHEAT FACTOR USED	OATS FACTOR ACRES	OATS FACTOR USED	HAY FACTOR ACRES	HAY FACTOR USED	OTHER CROP FACTOR ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
PUTNAM	137	137													
**********			63,000.0	6.9	113,902.8	7.2	41,152.5	5.9	2,911.8	6.8	12,981.8	5.5	4,143.2	8.1	238,092.1

** METH APP **	NITROGEN	P2O5	K2O	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	113,536	61,812	68,377	52,957	23,652	36,565	35,145	13,188	13,478	31,391	15,362	21,623	243,725
LBS	8,784,731	3,923,232	5,345,550	3,010,820	1,743,847	3,985,428	2,004,406	1,027,754	891,073	1,579,913	1,774,232	1,991,405	18,053,514
LBS/ACRE	77	64	78	57	74	109	57	78	66	50	116	92	74
ACRE TRTD/CNTY	1.8	1.0	1.1	0.8	0.4	0.6	0.6	0.2	0.2	0.5	0.2	0.3	3.9
LBS/ACRE CNTY	139.4	62.3	84.9	47.8	27.7	63.3	31.8	16.3	14.1	25.1	28.2	31.6	286.6
ACRES SOYBEANS	15,306	33,958	40,903	6,208	4,375	4,722	9,000	12,042	12,917	8,583	16,056	16,264	90,167
LBS	139,611	1,442,708	2,827,236	42,708	31,167	65,736	341,639	533,500	567,569	505,792	1,320,708	1,000,736	4,409,555
LBS/ACRE	9	43	69	7	7	14	38	44	44	59	82	62	49
ACRE TRTD/CNTY	0.1	0.3	0.4	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.8
LBS/ACRE CNTY	1.2	12.7	24.8	0.4	0.3	0.6	3.0	4.7	5.0	4.4	11.6	8.8	38.7
ACRES WHEAT	70,271	39,068	39,356	2,559	47,576	19,966	1,593	17,915	19,390	1,593	17,915	19,678	148,695
LBS	3,366,737	2,103,678	2,602,220	109,068	2,457,864	796,415	27,085	1,081,085	992,119	27,085	1,228,627	1,343,119	8,072,636
LBS/ACRE	48	54	66	43	52	40	17	60	51	17	69	68	54
ACRE TRTD/CNTY	1.7	0.9	1.0	0.1	1.2	0.5	0.0	0.4	0.5	0.0	0.4	0.5	3.6
LBS/ACRE CNTY	81.8	51.1	63.2	2.7	59.7	19.4	0.7	26.3	24.1	0.7	29.9	32.6	196.2
ACRES OATS	2,912	2,912	2,912	191	1,235	1,485	191	1,235	1,485	191	1,235	1,485	8,735
LBS	93,765	105,399	108,972	5,735	38,662	49,368	5,735	50,296	49,368	5,735	53,869	49,368	308,135
LBS/ACRE	32	36	37	30	31	33	30	41	33	30	44	33	35
ACRE TRTD/CNTY	1.0	1.0	1.0	0.1	0.4	0.5	0.1	0.4	0.5	0.1	0.4	0.5	3.0
LBS/ACRE CNTY	32.2	36.2	37.4	2.0	13.3	17.0	2.0	17.3	17.0	2.0	18.5	17.0	105.8
ACRES HAY	1,127	1,182	6,091	0	1,127	0	0	909	273	0	5,818	273	8,400
LBS	34,036	55,455	1,038,109	0	34,036	0	0	42,909	12,546	0	1,005,382	32,727	1,127,600
LBS/ACRE	30	47	170	0	30	0	0	47	46	0	173	120	134
ACRE TRTD/CNTY	0.1	0.1	0.5	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.4	0.0	0.6
LBS/ACRE CNTY	2.6	4.3	80.0	0.0	2.6	0.0	0.0	3.3	1.0	0.0	77.4	2.5	86.9
ACRES OTHER CP	10,099	5,605	3,383	2,642	4,494	2,963	2,642	0	2,963	420	0	2,963	19,086
LBS	383,704	409,259	656,691	30,124	162,716	190,864	59,383	0	349,877	18,667	0	638,025	1,449,654
LBS/ACRE	38	73	194	11	36	64	23	0	118	45	0	215	76
ACRE TRTD/CNTY	2.4	1.4	0.8	0.6	1.1	0.7	0.6	0.0	0.7	0.1	0.0	0.7	4.6
LBS/ACRE CNTY	92.6	98.8	158.5	7.3	39.3	46.1	14.3	0.0	84.4	4.5	0.0	154.0	349.9
ACRES CROPS	213,251	144,536	161,021	64,557	82,460	65,702	48,571	45,290	50,506	42,179	56,387	62,286	518,808
LBS	12,802,585	8,039,731	12,578,779	3,198,455	4,468,292	5,087,811	2,438,247	2,735,543	2,862,550	2,137,191	5,382,818	5,055,380	33,421,094
LBS/ACRE	60	56	78	50	54	77	50	60	57	51	96	81	64
ACRE TRTD/CNTY	0.9	0.6	0.7	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.3	2.2
LBS/ACRE CNTY	53.8	33.8	52.8	13.4	18.8	21.4	10.2	11.5	12.0	9.0	22.6	21.2	140.4

(TABLE 60) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND METHOD OF APPLICATION USED IN VAN WERT COUNTY - 1986

** FERTILIZER BY METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN ACRES	CORN FACTOR USED	SOYBEAN ACRES	SOYBEAN FACTOR USED	WHEAT ACRES	WHEAT FACTOR USED	OATS ACRES	OATS FACTOR USED	HAY ACRES	HAY FACTOR USED	OTHER CROP ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
VAN WERT	161	161	72,454.5	7.7	97,333.3	9.0	28,406.6	9.1	2,493.8	8.1	4,078.9	7.6	0.0	0.0	204,767.2
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** METH APP **	NITROGEN	P2O5	K2O	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	138,481	91,870	93,286	60,299	29,870	48,312	44,026	22,468	25,377	39,416	26,494	27,377	323,636
LBS	12,438,779	5,136,714	6,479,546	4,377,610	2,881,351	5,179,818	2,856,688	1,060,753	1,219,273	1,855,364	2,543,117	2,081,065	24,055,039
LBS/ACRE	90	56	70	73	97	107	65	47	48	47	96	76	74
ACRE TRTD/CNTY	1.9	1.3	1.3	0.8	0.4	0.7	0.6	0.3	0.4	0.5	0.4	0.4	4.5
LBS/ACRE CNTY	171.7	70.9	89.4	60.4	39.8	71.5	39.4	14.6	16.8	25.6	35.1	28.7	332.0
ACRES SOYBEANS	28,467	35,122	40,222	7,322	21,144	0	7,322	22,033	5,767	8,989	25,467	5,767	103,811
LBS	187,522	964,211	2,643,000	64,156	123,367	0	244,300	400,178	319,733	394,300	1,806,433	442,267	3,794,733
LBS/ACRE	7	28	66	9	6	0	33	18	55	44	71	77	37
ACRE TRTD/CNTY	0.3	0.4	0.4	0.1	0.2	0.0	0.1	0.2	0.1	0.1	0.3	0.1	1.1
LBS/ACRE CNTY	1.9	9.9	27.2	0.7	1.3	0.0	2.5	4.1	3.3	4.1	18.6	4.5	39.0
ACRES WHEAT	42,198	23,626	22,582	0	34,066	5,857	0	14,132	8,055	0	13,088	8,055	88,407
LBS	2,092,879	1,323,011	1,564,290	0	1,823,637	190,451	0	804,154	420,901	0	799,593	666,741	4,980,180
LBS/ACRE	50	56	69	0	54	33	0	57	52	0	61	83	56
ACRE TRTD/CNTY	1.5	0.8	0.8	0.0	1.2	0.2	0.0	0.5	0.3	0.0	0.5	0.3	3.1
LBS/ACRE CNTY	73.7	46.6	55.1	0.0	64.2	6.7	0.0	28.3	14.8	0.0	28.1	23.5	175.3
ACRES OATS	1,988	1,988	1,988	0	852	1,136	0	852	1,136	0	852	1,136	5,963
LBS	85,259	87,333	87,333	0	17,185	68,074	0	19,259	68,074	0	19,259	68,074	259,926
LBS/ACRE	43	44	44	0	20	60	0	23	60	0	23	60	44
ACRE TRTD/CNTY	0.8	0.8	0.8	0.0	0.3	0.5	0.0	0.3	0.5	0.0	0.3	0.5	2.4
LBS/ACRE CNTY	34.2	35.0	35.0	0.0	6.9	27.3	0.0	7.7	27.3	0.0	7.7	27.3	104.2
ACRES HAY	290	803	803	0	290	0	0	645	158	0	645	158	1,895
LBS	5,474	30,724	95,197	0	5,474	0	0	23,461	7,263	0	76,250	18,947	131,395
LBS/ACRE	19	38	119	0	19	0	0	36	46	0	118	120	69
ACRE TRTD/CNTY	0.1	0.2	0.2	0.0	0.1	0.0	0.0	0.2	0.0	0.0	0.2	0.0	0.5
LBS/ACRE CNTY	1.3	7.5	23.3	0.0	1.3	0.0	0.0	5.8	1.8	0.0	18.7	4.6	32.2
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	211,422	153,409	158,881	67,621	86,222	55,305	51,348	60,129	40,492	48,405	66,545	42,492	523,712
LBS	14,809,914	7,541,993	10,869,366	4,441,766	4,851,014	5,438,343	3,100,988	2,307,805	2,035,244	2,249,664	5,244,653	3,277,094	33,221,273
LBS/ACRE	70	49	68	66	56	98	60	38	50	47	79	77	63
ACRE TRTD/CNTY	1.0	0.7	0.8	0.3	0.4	0.3	0.3	0.3	0.2	0.2	0.3	0.2	2.6
LBS/ACRE CNTY	72.3	36.8	53.1	21.7	23.7	26.6	15.1	11.3	9.9	11.0	25.6	16.0	162.2

(TABLE 61) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND METHOD OF APPLICATION USED IN WILLIAMS COUNTY - 1986

** FERTILIZER BY METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
WILLIAMS	171	171	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********			51,423.4	11.1	64,801.5	13.1	23,227.3	11.0	2,306.8	8.8	12,408.2	4.9	639.6	22.2	154,806.8

** METH APP **	NITROGEN	P2O5	K2O	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	93,099	60,270	61,829	49,910	15,559	27,631	36,883	14,378	9,009	29,414	22,460	9,955	215,198
LBS	6,975,910	3,319,945	4,400,338	2,579,279	1,067,658	3,328,973	1,809,451	959,837	550,658	1,124,595	2,331,221	944,523	14,696,193
LBS/ACRE	75	55	71	52	69	121	49	67	61	38	104	95	68
ACRE TRTD/CNTY	1.8	1.2	1.2	1.0	0.3	0.5	0.7	0.3	0.2	0.6	0.4	0.2	4.2
LBS/ACRE CNTY	135.7	64.6	85.6	50.2	20.8	64.7	35.2	18.7	10.7	21.9	45.3	18.4	285.8
ACRES SOYBEANS	7,122	19,046	39,527	4,939	916	1,267	8,237	7,435	3,145	9,290	16,901	13,107	65,695
LBS	77,641	725,702	3,441,670	51,298	13,244	13,099	273,931	297,832	143,405	504,550	1,819,182	1,099,618	4,245,014
LBS/ACRE	11	38	87	10	15	10	33	40	46	54	108	84	65
ACRE TRTD/CNTY	0.1	0.3	0.6	0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.3	0.2	1.0
LBS/ACRE CNTY	1.2	11.2	53.1	0.8	0.2	0.2	4.2	4.6	2.2	7.8	28.1	17.0	65.5
ACRES WHEAT	36,091	22,536	24,355	436	16,846	18,809	436	7,373	14,727	436	7,373	16,546	82,982
LBS	1,626,789	1,407,714	1,961,352	7,855	884,880	734,055	31,418	379,405	996,891	31,418	553,789	1,376,146	4,995,855
LBS/ACRE	45	63	81	18	53	39	72	52	68	72	75	83	60
ACRE TRTD/CNTY	1.6	1.0	1.0	0.0	0.7	0.8	0.0	0.3	0.6	0.0	0.3	0.7	3.6
LBS/ACRE CNTY	70.0	60.6	84.4	0.3	38.1	31.6	1.4	16.3	42.9	1.4	23.8	59.2	215.1
ACRES OATS	1,341	1,341	1,341	421	250	671	421	250	671	421	250	671	4,023
LBS	43,705	72,159	74,977	7,568	11,727	24,409	30,273	14,818	27,068	30,273	17,636	27,068	190,841
LBS/ACRE	33	54	56	18	47	36	72	59	40	72	71	40	47
ACRE TRTD/CNTY	0.6	0.6	0.6	0.2	0.1	0.3	0.2	0.1	0.3	0.2	0.1	0.3	1.7
LBS/ACRE CNTY	18.9	31.3	32.5	3.3	5.1	10.6	13.1	6.4	11.7	13.1	7.6	11.7	82.7
ACRES HAY	3,408	7,449	8,265	0	3,122	286	0	6,449	1,000	0	7,265	1,000	19,122
LBS	70,327	215,008	614,212	0	65,184	5,143	0	162,294	52,714	0	507,927	106,286	899,547
LBS/ACRE	21	29	74	0	21	18	0	25	53	0	70	106	47
ACRE TRTD/CNTY	0.3	0.6	0.7	0.0	0.3	0.0	0.0	0.5	0.1	0.0	0.6	0.1	1.5
LBS/ACRE CNTY	5.7	17.3	49.5	0.0	5.3	0.4	0.0	13.1	4.2	0.0	40.9	8.6	72.5
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	141,061	110,642	135,316	55,706	36,693	48,663	45,976	35,885	28,552	39,561	54,248	41,278	387,020
LBS	8,794,371	5,740,528	10,492,550	2,646,000	2,042,693	4,105,679	2,145,073	1,814,186	1,770,736	1,690,835	5,229,754	3,553,640	25,027,449
LBS/ACRE	62	52	78	48	56	84	47	51	62	43	96	86	65
ACRE TRTD/CNTY	0.9	0.7	0.9	0.4	0.2	0.3	0.3	0.2	0.2	0.3	0.4	0.3	2.5
LBS/ACRE CNTY	56.8	37.1	67.8	17.1	13.2	26.5	13.9	11.7	11.4	10.9	33.8	23.0	161.7

(TABLE 62) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND METHOD OF APPLICATION USED IN WOOD COUNTY - 1986

** FERTILIZER BY METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN ACRES	CORN FACTOR USED	SOYBEAN ACRES	SOYBEAN FACTOR USED	WHEAT ACRES	WHEAT FACTOR USED	OATS ACRES	OATS FACTOR USED	HAY ACRES	HAY FACTOR USED	OTHER CROP ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
WOOD	173	173	95,274.0	7.3	114,284.0	8.1	45,842.1	5.7	3,133.3	3.0	7,351.4	3.7	3,127.3	24.5	269,012.1
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** METH APP **	NITROGEN	P2O5	K2O	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	177,795	102,603	101,425	84,452	32,795	60,548	50,384	21,836	30,384	21,069	27,370	52,986	381,822
LBS	15,696,000	6,200,534	11,634,069	6,577,041	2,615,521	6,503,438	2,939,288	1,214,836	2,046,411	1,067,370	3,040,630	7,526,069	33,530,603
LBS/ACRE	88	60	115	78	80	107	58	56	67	51	111	142	88
ACRE TRTD/CNTY	1.9	1.1	1.1	0.9	0.3	0.6	0.5	0.2	0.3	0.2	0.3	0.6	4.0
LBS/ACRE CNTY	164.7	65.1	122.1	69.0	27.5	68.3	30.9	12.8	21.5	11.2	31.9	79.0	351.9
ACRES SOYBEANS	10,790	33,556	38,482	6,185	4,333	272	6,185	6,556	20,815	7,259	8,864	22,358	82,827
LBS	120,161	1,346,630	2,487,963	31,877	87,469	815	98,593	335,815	912,222	179,148	655,889	1,652,926	3,954,753
LBS/ACRE	11	40	65	5	20	3	16	51	44	25	74	74	48
ACRE TRTD/CNTY	0.1	0.3	0.3	0.1	0.0	0.0	0.1	0.1	0.2	0.1	0.1	0.2	0.7
LBS/ACRE CNTY	1.1	11.8	21.8	0.3	0.8	0.0	0.9	2.9	8.0	1.6	5.7	14.5	34.6
ACRES WHEAT	80,368	44,298	43,842	3,597	48,246	28,526	1,842	19,491	22,965	1,842	19,035	22,965	168,509
LBS	3,413,123	2,424,561	2,807,719	229,351	2,333,842	849,930	101,474	1,156,544	1,166,544	83,544	1,407,667	1,316,509	8,645,404
LBS/ACRE	43	55	64	64	48	30	55	59	51	45	74	57	51
ACRE TRTD/CNTY	1.8	1.0	1.0	0.1	1.1	0.6	0.0	0.4	0.5	0.0	0.4	0.5	3.7
LBS/ACRE CNTY	74.5	52.9	61.2	5.0	50.9	18.5	2.2	25.2	25.4	1.8	30.7	28.7	188.6
ACRES OATS	3,000	3,000	3,000	167	1,100	1,733	167	1,100	1,733	167	1,100	1,733	9,000
LBS	130,500	144,267	125,933	10,100	33,000	87,400	7,533	49,333	87,400	5,867	32,667	87,400	400,700
LBS/ACRE	44	48	42	61	30	50	45	45	50	35	30	50	45
ACRE TRTD/CNTY	1.0	1.0	1.0	0.1	0.4	0.6	0.1	0.4	0.6	0.1	0.4	0.6	2.9
LBS/ACRE CNTY	41.6	46.0	40.2	3.2	10.5	27.9	2.4	15.7	27.9	1.9	10.4	27.9	127.9
ACRES HAY	865	3,297	2,541	0	811	54	757	1,081	1,460	0	1,081	1,460	6,703
LBS	15,892	193,541	321,405	0	15,405	487	76,000	50,946	66,595	0	150,811	170,595	530,838
LBS/ACRE	18	59	127	0	19	9	100	47	46	0	140	117	79
ACRE TRTD/CNTY	0.1	0.4	0.3	0.0	0.1	0.0	0.1	0.1	0.2	0.0	0.1	0.2	0.9
LBS/ACRE CNTY	2.2	26.3	43.7	0.0	2.1	0.1	10.3	6.9	9.1	0.0	20.5	23.2	72.2
ACRES OTHER CP	2,996	3,490	1,735	976	1,694	327	976	2,188	327	4	620	1,110	8,220
LBS	124,294	245,649	379,861	9,967	86,041	28,286	40,253	165,518	39,878	8	30,914	348,939	749,804
LBS/ACRE	42	70	219	10	51	87	41	76	122	2	50	314	91
ACRE TRTD/CNTY	1.0	1.1	0.6	0.3	0.5	0.1	0.3	0.7	0.1	0.0	0.2	0.4	2.6
LBS/ACRE CNTY	39.7	78.5	121.5	3.2	27.5	9.0	12.9	52.9	12.8	0.0	9.9	111.6	239.8
ACRES CROPS	275,814	190,244	191,024	95,376	88,978	91,460	60,310	52,251	77,683	30,341	58,071	102,612	657,081
LBS	19,499,969	10,555,182	17,756,951	6,858,336	5,171,278	7,470,355	3,263,140	2,972,992	4,319,049	1,335,937	5,318,578	11,102,437	47,812,101
LBS/ACRE	71	56	93	72	58	82	54	57	56	44	92	108	73
ACRE TRTD/CNTY	1.0	0.7	0.7	0.4	0.3	0.3	0.2	0.2	0.3	0.1	0.2	0.4	2.4
LBS/ACRE CNTY	72.5	39.2	66.0	25.5	19.2	27.8	12.1	11.1	16.1	5.0	19.8	41.3	177.7

(TABLE 63) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND METHOD OF APPLICATION USED IN ASHLAND COUNTY - 1986

** FERTILIZER BY METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
ASHLAND	5	5	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********			48,029.4	3.4	20,871.0	3.1	9,771.4	3.5	4,960.8	5.1	34,103.4	2.9	0.0	0.0	117,736.0

** METH APP **	NITROGEN	P2O5	K2O	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	78,618	47,794	44,235	34,206	24,677	18,353	34,912	3,765	8,706	26,706	8,412	8,706	170,647
LBS	4,524,324	2,914,219	2,481,110	950,324	2,122,184	1,377,934	2,142,145	340,529	415,897	1,317,382	671,824	476,257	9,919,653
LBS/ACRE	58	61	56	28	86	75	61	91	48	49	80	55	58
ACRE TRTD/CNTY	1.6	1.0	0.9	0.7	0.5	0.4	0.7	0.1	0.2	0.6	0.2	0.2	3.6
LBS/ACRE CNTY	94.2	60.7	51.7	19.8	44.2	28.7	44.6	7.1	8.7	27.4	14.0	9.9	206.5
ACRES SOYBEANS	5,774	10,065	11,032	0	1,290	4,484	0	2,097	7,968	0	3,065	7,968	26,871
LBS	102,452	428,323	745,516	0	11,613	90,839	0	119,032	309,290	0	288,387	457,129	1,276,290
LBS/ACRE	18	43	68	0	9	20	0	57	39	0	94	57	48
ACRE TRTD/CNTY	0.3	0.5	0.5	0.0	0.1	0.2	0.0	0.1	0.4	0.0	0.1	0.4	1.3
LBS/ACRE CNTY	4.9	20.5	35.7	0.0	0.6	4.4	0.0	5.7	14.8	0.0	13.8	21.9	61.2
ACRES WHEAT	10,286	8,143	8,143	257	4,771	5,257	257	2,629	5,257	257	2,629	5,257	26,571
LBS	421,571	442,000	473,143	9,771	200,371	211,429	9,771	114,171	318,057	9,771	122,743	340,629	1,336,714
LBS/ACRE	41	54	58	38	42	40	38	43	61	38	47	65	50
ACRE TRTD/CNTY	1.1	0.8	0.8	0.0	0.5	0.5	0.0	0.3	0.5	0.0	0.3	0.5	2.7
LBS/ACRE CNTY	43.1	45.2	48.4	1.0	20.5	21.6	1.0	11.7	32.5	1.0	12.6	34.9	136.8
ACRES OATS	3,765	3,765	3,765	275	1,000	2,490	275	1,000	2,490	275	1,000	2,490	11,294
LBS	116,902	186,980	194,039	7,961	39,647	69,294	7,961	47,490	131,529	7,961	47,490	138,588	497,922
LBS/ACRE	31	50	52	29	40	28	29	48	53	29	48	56	44
ACRE TRTD/CNTY	0.8	0.8	0.8	0.1	0.2	0.5	0.1	0.2	0.5	0.1	0.2	0.5	2.3
LBS/ACRE CNTY	23.6	37.7	39.1	1.6	8.0	14.0	1.6	9.6	26.5	1.6	9.6	27.9	100.4
ACRES HAY	8,897	30,345	31,897	0	8,897	0	0	30,345	0	0	31,897	0	71,138
LBS	94,207	1,758,103	2,684,276	0	94,207	0	0	1,758,103	0	0	2,684,276	0	4,536,586
LBS/ACRE	11	58	84	0	11	0	0	58	0	0	84	0	64
ACRE TRTD/CNTY	0.3	0.9	0.9	0.0	0.3	0.0	0.0	0.9	0.0	0.0	0.9	0.0	2.1
LBS/ACRE CNTY	2.8	51.6	78.7	0.0	2.8	0.0	0.0	51.6	0.0	0.0	78.7	0.0	133.0
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	107,339	100,111	99,072	34,738	40,635	30,584	35,443	39,835	24,421	27,238	47,001	24,421	306,522
LBS	5,259,456	5,729,625	6,578,084	968,056	2,468,022	1,749,495	2,159,877	2,379,327	1,174,774	1,335,115	3,814,720	1,412,603	17,567,166
LBS/ACRE	49	57	66	28	61	57	61	60	48	49	81	58	57
ACRE TRTD/CNTY	0.9	0.9	0.8	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.4	0.2	2.6
LBS/ACRE CNTY	44.7	48.7	55.9	8.2	21.0	14.9	18.3	20.2	10.0	11.3	32.4	12.0	149.2

(TABLE 64) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND METHOD OF APPLICATION USED IN CRAWFORD COUNTY - 1986

** FERTILIZER BY METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
CRAWFORD	33	33	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********			62,461.5	6.5	82,426.5	6.8	26,787.2	4.7	1,903.2	9.3	9,476.2	4.2	0.0	0.0	183,054.7

** METH APP **	NITROGEN	P2O5	K2O	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	130,800	63,400	79,246	60,292	26,154	44,354	37,231	9,277	16,892	28,431	40,462	10,354	273,446
LBS	12,198,351	5,363,406	8,116,526	4,677,069	2,674,846	4,846,435	3,535,800	791,539	1,036,067	1,540,008	5,895,923	680,595	25,678,282
LBS/ACRE	93	85	102	78	102	109	95	85	61	54	146	66	94
ACRE TRTD/CNTY	2.1	1.0	1.3	1.0	0.4	0.7	0.6	0.1	0.3	0.5	0.6	0.2	4.4
LBS/ACRE CNTY	195.3	85.9	129.9	74.9	42.8	77.6	56.6	12.7	16.6	24.7	94.4	10.9	411.1
ACRES SOYBEANS	12,662	22,750	43,632	1,221	7,471	3,971	1,221	9,662	11,868	1,221	27,897	14,515	79,044
LBS	237,303	1,084,386	4,355,093	29,294	146,544	61,465	73,235	492,647	518,504	24,412	3,269,603	1,061,079	5,676,782
LBS/ACRE	19	48	100	24	20	16	60	51	44	20	117	73	72
ACRE TRTD/CNTY	0.2	0.3	0.5	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.3	0.2	1.0
LBS/ACRE CNTY	2.9	13.2	52.8	0.4	1.8	0.7	0.9	6.0	6.3	0.3	39.7	12.9	68.9
ACRES WHEAT	43,915	26,787	26,787	2,979	21,128	19,809	2,979	5,340	18,468	2,979	5,340	18,468	97,489
LBS	2,319,638	1,662,660	1,956,575	107,234	1,517,043	695,362	107,234	382,681	1,172,745	107,234	398,957	1,450,383	5,938,872
LBS/ACRE	53	62	73	36	72	35	36	72	64	36	75	79	61
ACRE TRTD/CNTY	1.6	1.0	1.0	0.1	0.8	0.7	0.1	0.2	0.7	0.1	0.2	0.7	3.6
LBS/ACRE CNTY	86.6	62.1	73.0	4.0	56.6	26.0	4.0	14.3	43.8	4.0	14.9	54.1	221.7
ACRES OATS	1,258	1,258	1,258	0	699	559	0	699	559	0	699	559	3,774
LBS	60,043	68,957	67,753	0	44,032	16,011	0	46,452	22,505	0	46,452	21,301	196,753
LBS/ACRE	48	55	54	0	63	29	0	67	40	0	67	38	52
ACRE TRTD/CNTY	0.7	0.7	0.7	0.0	0.4	0.3	0.0	0.4	0.3	0.0	0.4	0.3	2.0
LBS/ACRE CNTY	31.5	36.2	35.6	0.0	23.1	8.4	0.0	24.4	11.8	0.0	24.4	11.2	103.4
ACRES HAY	3,238	4,619	4,762	0	3,238	0	0	4,595	24	0	4,738	24	12,619
LBS	57,095	196,238	345,333	0	57,095	0	0	195,143	1,095	0	342,476	2,857	598,667
LBS/ACRE	18	43	73	0	18	0	0	43	46	0	72	120	47
ACRE TRTD/CNTY	0.3	0.5	0.5	0.0	0.3	0.0	0.0	0.5	0.0	0.0	0.5	0.0	1.3
LBS/ACRE CNTY	6.0	20.7	36.4	0.0	6.0	0.0	0.0	20.6	0.1	0.0	36.1	0.3	63.2
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	191,873	118,814	155,686	64,492	58,689	68,692	41,430	29,573	47,811	32,630	79,136	43,920	466,373
LBS	14,872,430	8,375,646	14,841,280	4,813,597	4,439,560	5,619,272	3,716,269	1,908,461	2,750,916	1,671,654	9,953,411	3,216,215	38,089,356
LBS/ACRE	78	71	95	75	76	82	90	65	58	51	126	73	82
ACRE TRTD/CNTY	1.0	0.6	0.9	0.4	0.3	0.4	0.2	0.2	0.3	0.2	0.4	0.2	2.5
LBS/ACRE CNTY	81.2	45.8	81.1	26.3	24.3	30.7	20.3	10.4	15.0	9.1	54.4	17.6	208.1

(TABLE 65) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND METHOD OF APPLICATION USED IN ERIE COUNTY - 1986

** FERTILIZER BY METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
ERIE	43	43	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********			32,181.0	10.5	27,652.2	9.2	7,555.6	8.1	1,100.8	12.9	5,727.3	7.7	480.1	27.7	74,696.9

** METH APP **	NITROGEN	P2O5	K2O	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	65,114	36,248	39,914	27,495	8,410	29,210	14,800	4,971	16,476	10,991	11,543	17,381	141,276
LBS	5,921,276	2,538,628	3,786,343	2,457,629	776,248	2,687,400	1,035,381	268,438	1,234,809	741,286	1,411,333	1,633,724	12,246,247
LBS/ACRE	91	70	95	89	92	92	70	54	75	67	122	94	87
ACRE TRTD/CNTY	2.0	1.1	1.2	0.9	0.3	0.9	0.5	0.2	0.5	0.3	0.4	0.5	4.4
LBS/ACRE CNTY	184.0	78.9	117.7	76.4	24.1	83.5	32.2	8.3	38.4	23.0	43.9	50.8	380.5
ACRES SOYBEANS	10,207	15,152	24,880	5,163	0	5,044	5,163	2,174	7,815	5,163	2,500	17,217	50,239
LBS	92,696	599,174	2,023,120	73,044	0	19,652	236,250	150,000	212,924	234,946	309,783	1,478,391	2,714,989
LBS/ACRE	9	40	81	14	0	4	46	69	27	46	124	86	54
ACRE TRTD/CNTY	0.4	0.5	0.9	0.2	0.0	0.2	0.2	0.1	0.3	0.2	0.1	0.6	1.8
LBS/ACRE CNTY	3.4	21.7	73.2	2.6	0.0	0.7	8.5	5.4	7.7	8.5	11.2	53.5	98.2
ACRES WHEAT	10,531	6,815	6,815	420	6,037	4,074	420	2,321	4,074	420	2,321	4,074	24,161
LBS	470,667	341,432	360,395	7,012	302,556	161,099	24,198	94,543	222,691	17,877	107,037	235,482	1,172,494
LBS/ACRE	45	50	53	17	50	40	58	41	55	43	46	58	49
ACRE TRTD/CNTY	1.4	0.9	0.9	0.1	0.8	0.5	0.1	0.3	0.5	0.1	0.3	0.5	3.2
LBS/ACRE CNTY	62.3	45.2	47.7	0.9	40.0	21.3	3.2	12.5	29.5	2.4	14.2	31.2	155.2
ACRES OATS	1,101	1,101	1,101	178	0	923	178	0	923	178	0	923	3,302
LBS	48,194	47,915	42,954	3,364	0	44,830	10,806	0	37,109	5,845	0	37,109	139,062
LBS/ACRE	44	44	39	19	0	49	61	0	40	33	0	40	42
ACRE TRTD/CNTY	1.0	1.0	1.0	0.2	0.0	0.8	0.2	0.0	0.8	0.2	0.0	0.8	3.0
LBS/ACRE CNTY	43.8	43.5	39.0	3.1	0.0	40.7	9.8	0.0	33.7	5.3	0.0	33.7	126.3
ACRES HAY	0	2,286	4,234	0	0	0	0	2,286	0	0	2,286	1,948	6,520
LBS	0	170,182	868,572	0	0	0	0	170,182	0	0	393,247	475,325	1,038,753
LBS/ACRE	0	75	205	0	0	0	0	75	0	0	172	244	159
ACRE TRTD/CNTY	0.0	0.4	0.7	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.4	0.3	1.1
LBS/ACRE CNTY	0.0	29.7	151.7	0.0	0.0	0.0	0.0	29.7	0.0	0.0	68.7	83.0	181.4
ACRES OTHER CP	628	386	422	163	260	206	163	181	43	163	181	79	1,437
LBS	40,181	16,921	26,697	1,787	21,694	16,700	6,986	7,942	1,993	6,986	9,206	10,505	83,799
LBS/ACRE	64	44	63	11	84	81	43	44	46	43	51	132	58
ACRE TRTD/CNTY	1.3	0.8	0.9	0.3	0.5	0.4	0.3	0.4	0.1	0.3	0.4	0.2	3.0
LBS/ACRE CNTY	83.7	35.2	55.6	3.7	45.2	34.8	14.5	16.5	4.2	14.5	19.2	21.9	174.5
ACRES CROPS	87,581	61,987	77,367	33,419	14,707	39,455	20,724	11,933	29,331	16,914	18,830	41,622	226,934
LBS	6,573,013	3,714,251	7,108,079	2,542,836	1,100,497	2,929,681	1,313,620	691,105	1,709,526	1,006,938	2,230,606	3,870,535	17,395,344
LBS/ACRE	75	60	92	76	75	74	63	58	58	60	119	93	77
ACRE TRTD/CNTY	1.2	0.8	1.0	0.4	0.2	0.5	0.3	0.2	0.4	0.2	0.3	0.6	3.0
LBS/ACRE CNTY	88.0	49.7	95.2	34.0	14.7	39.2	17.6	9.3	22.9	13.5	29.9	51.8	232.9

(TABLE 66) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND METHOD OF APPLICATION USED IN HURON COUNTY - 1986

** FERTILIZER BY METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR ACRES	CORN FACTOR USED	SOYBEAN FACTOR ACRES	SOYBEAN FACTOR USED	WHEAT FACTOR ACRES	WHEAT FACTOR USED	OATS FACTOR ACRES	OATS FACTOR USED	HAY FACTOR ACRES	HAY FACTOR USED	OTHER CROP FACTOR ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
HURON	77	77	60,661.0	11.8	84,021.7	9.2	20,262.5	8.0	4,322.2	9.0	9,764.7	6.8	259.9	128.7	179,292.1
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** METH APP **	NITROGEN	P2O5	K2O	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	116,881	68,839	74,737	68,975	18,848	23,220	38,788	9,992	14,220	27,856	25,042	16,000	260,458
LBS	9,906,178	3,484,068	6,190,771	5,259,034	1,280,856	2,441,475	1,988,780	543,805	889,593	818,153	2,833,907	1,700,517	19,581,017
LBS/ACRE	85	51	83	76	68	105	51	54	63	29	113	106	75
ACRE TRTD/CNTY	1.9	1.1	1.2	1.1	0.3	0.4	0.6	0.2	0.2	0.5	0.4	0.3	4.3
LBS/ACRE CNTY	163.3	57.4	102.1	86.7	21.1	40.2	32.8	9.0	14.7	13.5	46.7	28.0	322.8
ACRES SOYBEANS	6,500	15,315	29,457	0	3,076	3,424	2,457	9,326	3,533	2,457	20,641	6,359	51,272
LBS	174,826	557,128	2,738,004	0	135,663	39,163	85,978	312,846	158,304	196,522	2,098,613	442,870	3,469,959
LBS/ACRE	27	36	93	0	44	11	35	34	45	80	102	70	68
ACRE TRTD/CNTY	0.1	0.2	0.4	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.1	0.6
LBS/ACRE CNTY	2.1	6.6	32.6	0.0	1.6	0.5	1.0	3.7	1.9	2.3	25.0	5.3	41.3
ACRES WHEAT	30,525	22,513	22,513	575	16,450	10,388	575	8,738	13,200	575	8,738	13,200	75,550
LBS	1,323,863	1,188,438	1,410,113	10,575	749,963	333,000	44,450	392,300	751,688	44,450	452,125	913,538	3,922,413
LBS/ACRE	43	53	63	18	46	32	77	45	57	77	52	69	52
ACRE TRTD/CNTY	1.5	1.1	1.1	0.0	0.8	0.5	0.0	0.4	0.7	0.0	0.4	0.7	3.7
LBS/ACRE CNTY	65.3	58.7	69.6	0.5	37.0	16.4	2.2	19.4	37.1	2.2	22.3	45.1	193.6
ACRES OATS	1,678	1,678	1,678	133	1,200	344	133	1,200	344	133	1,200	344	5,033
LBS	82,856	94,722	94,722	2,267	65,656	14,933	9,333	65,656	19,733	9,333	65,656	19,733	272,300
LBS/ACRE	49	57	57	17	55	43	70	55	57	70	55	57	54
ACRE TRTD/CNTY	0.4	0.4	0.4	0.0	0.3	0.1	0.0	0.3	0.1	0.0	0.3	0.1	1.2
LBS/ACRE CNTY	19.2	21.9	21.9	0.5	15.2	3.5	2.2	15.2	4.6	2.2	15.2	4.6	63.0
ACRES HAY	2,529	11,250	11,368	0	2,529	0	0	11,250	0	0	11,368	0	25,147
LBS	43,412	615,235	1,545,824	0	43,412	0	0	615,235	0	0	1,545,824	0	2,204,471
LBS/ACRE	17	55	136	0	17	0	0	55	0	0	136	0	88
ACRE TRTD/CNTY	0.3	1.2	1.2	0.0	0.3	0.0	0.0	1.2	0.0	0.0	1.2	0.0	2.6
LBS/ACRE CNTY	4.4	63.0	158.3	0.0	4.4	0.0	0.0	63.0	0.0	0.0	158.3	0.0	225.8
ACRES OTHER CP	551	413	413	138	5	408	138	4	272	138	4	272	1,378
LBS	35,001	35,325	59,055	4,515	163	30,323	4,587	280	30,458	4,521	280	54,254	129,381
LBS/ACRE	64	86	143	33	30	74	33	72	112	33	72	200	94
ACRE TRTD/CNTY	2.1	1.6	1.6	0.5	0.0	1.6	0.5	0.0	1.0	0.5	0.0	1.0	5.3
LBS/ACRE CNTY	134.7	135.9	227.2	17.4	0.6	116.7	17.6	1.1	117.2	17.4	1.1	208.7	497.8
ACRES CROPS	158,664	120,008	140,165	69,820	42,108	37,784	42,091	40,509	31,569	31,158	66,993	36,175	418,837
LBS	11,566,135	5,974,916	12,038,489	5,276,391	2,275,712	2,858,893	2,133,128	1,930,121	1,849,777	1,072,979	6,996,404	3,130,911	29,579,540
LBS/ACRE	73	50	86	76	54	76	51	48	59	34	104	87	71
ACRE TRTD/CNTY	0.9	0.7	0.8	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.2	2.3
LBS/ACRE CNTY	64.5	33.3	67.1	29.4	12.7	15.9	11.9	10.8	10.3	6.0	39.0	17.5	165.0

(TABLE 67) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND METHOD OF APPLICATION USED IN LORAIN COUNTY - 1986

** FERTILIZER BY METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
LORAIN	93	93	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********			27,989.7	9.7	48,584.4	7.7	8,916.7	9.6	2,414.3	7.0	14,721.5	7.9	0.0	0.0	102,626.6

** METH APP **	NITROGEN	P2O5	K2O	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	46,052	28,196	29,309	22,969	8,732	14,351	21,423	2,093	4,680	17,536	5,979	5,794	103,557
LBS	3,551,412	1,879,000	1,967,959	1,144,619	801,196	1,605,598	1,497,650	107,866	273,485	1,058,186	469,670	440,103	7,398,371
LBS/ACRE	77	67	67	50	92	112	70	52	58	60	79	76	71
ACRE TRTD/CNTY	1.6	1.0	1.0	0.8	0.3	0.5	0.8	0.1	0.2	0.6	0.2	0.2	3.7
LBS/ACRE CNTY	126.9	67.1	70.3	40.9	28.6	57.4	53.5	3.9	9.8	37.8	16.8	15.7	264.3
ACRES SOYBEANS	3,117	23,156	23,675	792	714	1,610	3,546	12,013	7,597	3,546	12,533	7,597	49,948
LBS	54,883	1,024,533	1,643,000	16,377	7,364	31,143	114,247	527,247	383,039	200,169	929,584	513,247	2,722,416
LBS/ACRE	18	44	69	21	10	19	32	44	50	57	74	68	55
ACRE TRTD/CNTY	0.1	0.5	0.5	0.0	0.0	0.0	0.1	0.2	0.2	0.1	0.3	0.2	1.0
LBS/ACRE CNTY	1.1	21.1	33.8	0.3	0.2	0.6	2.4	10.9	7.9	4.1	19.1	10.6	56.0
ACRES WHEAT	9,667	7,750	7,750	417	4,635	4,615	354	3,302	4,094	354	3,302	4,094	25,167
LBS	469,953	472,412	490,891	14,000	210,745	245,208	26,000	183,495	262,917	28,500	183,495	278,896	1,433,255
LBS/ACRE	49	61	63	34	46	53	73	56	64	81	56	68	57
ACRE TRTD/CNTY	1.1	0.9	0.9	0.0	0.5	0.5	0.0	0.4	0.5	0.0	0.4	0.5	2.8
LBS/ACRE CNTY	52.7	53.0	55.1	1.6	23.6	27.5	2.9	20.6	29.5	3.2	20.6	31.3	160.7
ACRES OATS	2,300	2,300	2,300	157	743	1,400	157	743	1,400	157	743	1,400	6,900
LBS	113,950	144,593	144,593	7,071	28,621	78,257	28,286	38,050	78,257	28,286	38,050	78,257	403,136
LBS/ACRE	50	63	63	45	39	56	180	51	56	180	51	56	58
ACRE TRTD/CNTY	1.0	1.0	1.0	0.1	0.3	0.6	0.1	0.3	0.6	0.1	0.3	0.6	2.9
LBS/ACRE CNTY	47.2	59.9	59.9	2.9	11.9	32.4	11.7	15.8	32.4	11.7	15.8	32.4	167.0
ACRES HAY	4,063	7,987	7,987	0	2,481	1,582	0	6,152	1,835	0	6,152	1,835	20,038
LBS	105,633	454,190	750,772	0	67,342	38,291	0	292,228	161,962	0	577,671	173,101	1,310,595
LBS/ACRE	26	57	94	0	27	24	0	48	88	0	94	94	65
ACRE TRTD/CNTY	0.3	0.5	0.5	0.0	0.2	0.1	0.0	0.4	0.1	0.0	0.4	0.1	1.4
LBS/ACRE CNTY	7.2	30.9	51.0	0.0	4.6	2.6	0.0	19.9	11.0	0.0	39.2	11.8	89.0
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	65,198	69,389	71,022	24,335	17,306	23,558	25,479	24,303	19,607	21,593	28,709	20,720	205,609
LBS	4,295,832	3,974,727	4,997,214	1,182,067	1,115,268	1,998,497	1,666,182	1,148,885	1,159,659	1,315,140	2,198,470	1,483,604	13,267,773
LBS/ACRE	66	57	70	49	64	85	65	47	59	61	77	72	65
ACRE TRTD/CNTY	0.6	0.7	0.7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	2.0
LBS/ACRE CNTY	41.9	38.7	48.7	11.5	10.9	19.5	16.2	11.2	11.3	12.8	21.4	14.5	129.3

(TABLE 68) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND METHOD OF APPLICATION USED IN OTTAWA COUNTY - 1986

** FERTILIZER BY METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
OTTAWA	123	123	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********			21,076.9	9.1	59,626.9	6.7	10,584.3	8.9	1,088.2	3.4	8,765.2	11.5	1,918.3	25.7	103,059.8

** METH APP **	NITROGEN	P2O5	K2O	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	39,440	19,637	28,209	22,176	6,923	10,341	9,934	2,813	6,890	9,934	9,956	8,319	87,286
LBS	3,153,923	1,068,484	2,409,670	1,880,857	666,121	606,945	555,648	114,901	397,934	258,550	1,166,088	985,033	6,632,077
LBS/ACRE	80	54	85	85	96	59	56	41	58	26	117	118	76
ACRE TRTD/CNTY	1.9	0.9	1.3	1.1	0.3	0.5	0.5	0.1	0.3	0.5	0.5	0.4	4.1
LBS/ACRE CNTY	149.6	50.7	114.3	89.2	31.6	28.8	26.4	5.5	18.9	12.3	55.3	46.7	314.7
ACRES SOYBEANS	15,896	24,448	24,448	11,090	4,806	0	14,015	4,806	5,627	14,015	4,806	5,627	64,791
LBS	221,075	935,194	1,443,851	125,463	95,612	0	410,358	273,164	251,672	473,970	517,045	452,836	2,600,119
LBS/ACRE	14	38	59	11	20	0	29	57	45	34	108	81	40
ACRE TRTD/CNTY	0.3	0.4	0.4	0.2	0.1	0.0	0.2	0.1	0.1	0.2	0.1	0.1	1.1
LBS/ACRE CNTY	3.7	15.7	24.2	2.1	1.6	0.0	6.9	4.6	4.2	7.9	8.7	7.6	43.6
ACRES WHEAT	16,449	10,303	10,303	0	12,753	2,360	0	7,382	2,360	0	7,382	2,360	37,056
LBS	628,921	676,888	700,921	0	504,393	73,045	0	516,112	134,933	0	506,079	161,135	2,006,730
LBS/ACRE	38	66	68	0	40	31	0	70	57	0	69	68	54
ACRE TRTD/CNTY	1.6	1.0	1.0	0.0	1.2	0.2	0.0	0.7	0.2	0.0	0.7	0.2	3.5
LBS/ACRE CNTY	59.4	64.0	66.2	0.0	47.7	6.9	0.0	48.8	12.7	0.0	47.8	15.2	189.6
ACRES OATS	882	882	882	0	353	529	0	353	529	0	353	529	2,647
LBS	34,941	47,118	47,118	0	11,118	23,824	0	23,294	23,824	0	23,294	23,824	129,177
LBS/ACRE	40	53	53	0	32	45	0	66	45	0	66	45	49
ACRE TRTD/CNTY	0.8	0.8	0.8	0.0	0.3	0.5	0.0	0.3	0.5	0.0	0.3	0.5	2.4
LBS/ACRE CNTY	32.1	43.3	43.3	0.0	10.2	21.9	0.0	21.4	21.9	0.0	21.4	21.9	118.7
ACRES HAY	3,157	4,470	4,470	0	3,157	0	0	4,339	130	0	4,339	130	12,096
LBS	48,730	178,783	404,313	0	48,730	0	0	174,870	3,913	0	392,574	11,739	631,826
LBS/ACRE	15	40	91	0	15	0	0	40	30	0	91	90	52
ACRE TRTD/CNTY	0.4	0.5	0.5	0.0	0.4	0.0	0.0	0.5	0.0	0.0	0.5	0.0	1.4
LBS/ACRE CNTY	5.6	20.4	46.1	0.0	5.6	0.0	0.0	20.0	0.4	0.0	44.8	1.3	72.1
ACRES OTHER CP	3,553	1,876	1,899	1,101	821	1,630	0	774	1,101	23	774	1,101	7,327
LBS	271,413	199,315	547,031	92,685	64,070	114,658	0	69,899	129,416	2,638	228,829	315,564	1,017,759
LBS/ACRE	76	106	288	84	78	70	0	90	118	113	296	287	139
ACRE TRTD/CNTY	1.9	1.0	1.0	0.6	0.4	0.8	0.0	0.4	0.6	0.0	0.4	0.6	3.8
LBS/ACRE CNTY	141.5	103.9	285.2	48.3	33.4	59.8	0.0	36.4	67.5	1.4	119.3	164.5	530.6
ACRES CROPS	79,376	61,616	70,211	34,367	28,812	14,860	23,949	20,468	16,638	23,972	27,610	18,066	211,203
LBS	4,359,003	3,105,781	5,552,904	2,099,005	1,390,044	818,471	966,007	1,172,240	941,691	735,158	2,833,908	1,950,131	13,017,688
LBS/ACRE	55	50	79	61	48	55	40	57	57	31	103	108	62
ACRE TRTD/CNTY	0.8	0.6	0.7	0.3	0.3	0.1	0.2	0.2	0.2	0.2	0.3	0.2	2.0
LBS/ACRE CNTY	42.3	30.1	53.9	20.4	13.5	7.9	9.4	11.4	9.1	7.1	27.5	18.9	126.3

(TABLE 69) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND METHOD OF APPLICATION USED IN RICHLAND COUNTY - 1986

** FERTILIZER BY METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
RICHLAND	139	139	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********			45,478.7	9.4	33,736.8	9.5	13,295.8	7.1	4,988.9	9.0	21,809.5	6.3	0.0	0.0	119,309.8

** METH APP **	NITROGEN	P2O5	K2O	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	104,298	48,415	50,670	44,128	16,426	43,745	21,851	7,149	19,415	15,457	25,638	9,575	203,383
LBS	6,731,323	3,029,581	6,660,283	3,344,334	1,187,085	2,199,904	1,325,751	419,755	1,284,075	838,985	5,105,521	715,777	16,421,187
LBS/ACRE	65	63	131	76	72	50	61	59	66	54	199	75	81
ACRE TRTD/CNTY	2.3	1.1	1.1	1.0	0.4	1.0	0.5	0.2	0.4	0.3	0.6	0.2	4.5
LBS/ACRE CNTY	148.0	66.6	146.4	73.5	26.1	48.4	29.2	9.2	28.2	18.4	112.3	15.7	361.1
ACRES SOYBEANS	4,568	7,042	24,200	726	1,790	2,053	779	2,926	3,337	779	20,084	3,337	35,811
LBS	56,968	278,168	2,640,168	7,495	20,842	28,632	17,726	131,621	128,821	15,284	2,342,147	282,737	2,975,305
LBS/ACRE	13	40	109	10	12	14	23	45	39	20	117	85	83
ACRE TRTD/CNTY	0.1	0.2	0.7	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.6	0.1	1.1
LBS/ACRE CNTY	1.7	8.2	78.3	0.2	0.6	0.8	0.5	3.9	3.8	0.5	69.4	8.4	88.2
ACRES WHEAT	19,479	13,000	13,000	1,197	14,718	3,423	141	9,099	3,620	141	9,099	3,620	45,479
LBS	754,338	774,099	886,577	122,324	479,930	146,732	1,690	591,958	175,099	845	690,549	189,831	2,415,014
LBS/ACRE	39	60	68	102	33	43	12	65	48	6	76	52	53
ACRE TRTD/CNTY	1.5	1.0	1.0	0.1	1.1	0.3	0.0	0.7	0.3	0.0	0.7	0.3	3.4
LBS/ACRE CNTY	56.7	58.2	66.7	9.2	36.1	11.0	0.1	44.5	13.2	0.1	51.9	14.3	181.6
ACRES OATS	3,778	3,778	3,778	33	1,378	2,367	33	1,378	2,367	33	1,378	2,367	11,333
LBS	149,600	189,733	198,733	1,200	35,422	112,978	1,200	72,222	116,311	1,200	81,222	116,311	538,067
LBS/ACRE	40	50	53	36	26	48	36	52	49	36	59	49	48
ACRE TRTD/CNTY	0.8	0.8	0.8	0.0	0.3	0.5	0.0	0.3	0.5	0.0	0.3	0.5	2.3
LBS/ACRE CNTY	30.0	38.0	39.8	0.2	7.1	22.6	0.2	14.5	23.3	0.2	16.3	23.3	107.9
ACRES HAY	4,746	5,730	7,937	0	4,746	0	0	5,730	0	0	7,937	0	18,413
LBS	222,492	489,000	1,142,159	0	222,492	0	0	489,000	0	0	1,142,159	0	1,853,651
LBS/ACRE	47	85	144	0	47	0	0	85	0	0	144	0	101
ACRE TRTD/CNTY	0.2	0.3	0.4	0.0	0.2	0.0	0.0	0.3	0.0	0.0	0.4	0.0	0.8
LBS/ACRE CNTY	10.2	22.4	52.4	0.0	10.2	0.0	0.0	22.4	0.0	0.0	52.4	0.0	85.0
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	136,869	77,965	99,585	46,085	39,057	51,587	22,804	26,282	28,738	16,411	64,135	18,898	314,418
LBS	7,914,722	4,760,581	11,527,921	3,475,353	1,945,771	2,488,246	1,346,368	1,704,556	1,704,305	856,314	9,361,599	1,304,656	24,203,224
LBS/ACRE	58	61	116	75	50	48	59	65	59	52	146	69	77
ACRE TRTD/CNTY	1.1	0.7	0.8	0.4	0.3	0.4	0.2	0.2	0.2	0.1	0.5	0.2	2.6
LBS/ACRE CNTY	66.3	39.9	96.6	29.1	16.3	20.9	11.3	14.3	14.3	7.2	78.5	10.9	202.9

(TABLE 70) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND METHOD OF APPLICATION USED IN SANDUSKY COUNTY - 1986

** FERTILIZER BY METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
SANDUSKY	143	143	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********			64,388.9	7.2	86,100.0	7.0	15,394.4	7.1	1,198.2	11.1	7,000.0	9.0	9,446.2	13.0	183,527.6

** METH APP **	NITROGEN	P2O5	K2O	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	122,958	64,694	69,306	62,556	30,708	29,694	27,139	17,472	18,514	12,153	27,514	28,069	256,958
LBS	10,564,750	4,268,861	7,707,417	4,661,611	2,553,639	3,349,500	1,527,875	976,611	1,693,750	520,319	3,518,236	3,574,694	22,541,028
LBS/ACRE	86	66	111	75	83	113	56	56	92	43	128	127	88
ACRE TRTD/CNTY	1.9	1.0	1.1	1.0	0.5	0.5	0.4	0.3	0.3	0.2	0.4	0.4	4.0
LBS/ACRE CNTY	164.1	66.3	119.7	72.4	39.7	52.0	23.7	15.2	26.3	8.1	54.6	55.5	350.1
ACRES SOYBEANS	22,271	43,143	52,700	15,057	6,029	1,186	19,114	8,029	16,000	19,114	10,357	23,229	118,114
LBS	237,400	1,675,357	3,857,329	119,671	98,829	18,900	548,229	394,200	732,929	717,829	696,000	2,443,500	5,770,086
LBS/ACRE	11	39	73	8	16	16	29	49	46	38	67	105	49
ACRE TRTD/CNTY	0.3	0.5	0.6	0.2	0.1	0.0	0.2	0.1	0.2	0.2	0.1	0.3	1.4
LBS/ACRE CNTY	2.8	19.5	44.8	1.4	1.1	0.2	6.4	4.6	8.5	8.3	8.1	28.4	67.0
ACRES WHEAT	23,479	14,183	14,183	2,859	9,549	11,070	169	5,000	9,014	169	5,000	9,014	51,845
LBS	1,149,732	804,099	1,062,282	216,479	446,789	486,465	16,901	293,239	493,958	16,901	366,901	678,479	3,016,113
LBS/ACRE	49	57	75	76	47	44	100	59	55	100	73	75	58
ACRE TRTD/CNTY	1.5	0.9	0.9	0.2	0.6	0.7	0.0	0.3	0.6	0.0	0.3	0.6	3.4
LBS/ACRE CNTY	74.7	52.2	69.0	14.1	29.0	31.6	1.1	19.0	32.1	1.1	23.8	44.1	195.9
ACRES OATS	892	892	892	0	270	622	0	270	622	0	270	622	2,676
LBS	13,910	42,892	76,351	0	6,487	7,423	0	13,541	29,351	0	15,811	60,541	133,153
LBS/ACRE	16	48	86	0	24	12	0	50	47	0	59	97	50
ACRE TRTD/CNTY	0.7	0.7	0.7	0.0	0.2	0.5	0.0	0.2	0.5	0.0	0.2	0.5	2.2
LBS/ACRE CNTY	11.6	35.8	63.7	0.0	5.4	6.2	0.0	11.3	24.5	0.0	13.2	50.5	111.1
ACRES HAY	467	2,311	3,144	0	467	0	0	1,978	333	0	2,811	333	5,922
LBS	5,333	116,511	412,689	0	5,333	0	0	101,178	15,333	0	372,689	40,000	534,533
LBS/ACRE	11	50	131	0	11	0	0	51	46	0	133	120	90
ACRE TRTD/CNTY	0.1	0.3	0.4	0.0	0.1	0.0	0.0	0.3	0.0	0.0	0.4	0.0	0.8
LBS/ACRE CNTY	0.8	16.6	59.0	0.0	0.8	0.0	0.0	14.5	2.2	0.0	53.2	5.7	76.4
ACRES OTHER CP	10,254	6,237	10,160	1,300	2,239	6,715	1,114	723	4,400	606	900	8,654	26,651
LBS	412,346	403,474	1,652,988	49,146	170,831	192,369	86,352	43,739	273,383	49,008	89,285	1,514,695	2,468,808
LBS/ACRE	40	65	163	38	76	29	78	61	62	81	99	175	93
ACRE TRTD/CNTY	1.1	0.7	1.1	0.1	0.2	0.7	0.1	0.1	0.5	0.1	0.1	0.9	2.8
LBS/ACRE CNTY	43.7	42.7	175.0	5.2	18.1	20.4	9.1	4.6	28.9	5.2	9.5	160.4	261.4
ACRES CROPS	180,321	131,460	150,385	81,772	49,262	49,288	47,536	33,472	48,883	32,042	46,852	69,921	462,166
LBS	12,383,472	7,311,194	14,769,055	5,046,908	3,281,907	4,054,657	2,179,357	1,822,507	3,238,704	1,304,057	5,058,922	8,311,909	34,463,721
LBS/ACRE	69	56	98	62	67	82	46	54	66	41	108	119	75
ACRE TRTD/CNTY	1.0	0.7	0.8	0.4	0.3	0.3	0.3	0.2	0.3	0.2	0.3	0.4	2.5
LBS/ACRE CNTY	67.5	39.8	80.5	27.5	17.9	22.1	11.9	9.9	17.6	7.1	27.6	45.3	187.8

(TABLE 71) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND METHOD OF APPLICATION USED IN SENECA COUNTY - 1986

** FERTILIZER BY METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
SENECA	147	147	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********			73,927.9	11.1	116,881.2	10.1	30,027.5	10.9	4,480.5	7.7	14,280.0	5.0	3,711.9	15.1	243,309.1

** METH APP **	NITROGEN	P2O5	K2O	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	146,694	86,261	94,279	48,351	28,550	69,793	26,189	11,784	48,288	23,396	24,928	45,955	327,234
LBS	10,839,214	5,715,395	8,327,283	3,369,802	3,391,520	4,077,892	1,860,586	750,827	3,103,982	930,784	3,295,878	4,100,622	24,881,891
LBS/ACRE	74	66	88	70	119	58	71	64	64	40	132	89	76
ACRE TRTD/CNTY	2.0	1.2	1.3	0.7	0.4	0.9	0.4	0.2	0.7	0.3	0.3	0.6	4.4
LBS/ACRE CNTY	146.6	77.3	112.6	45.6	45.9	55.2	25.2	10.2	42.0	12.6	44.6	55.5	336.6
ACRES SOYBEANS	16,238	53,030	70,525	6,208	5,921	3,812	7,792	16,277	28,663	7,792	31,792	30,644	139,792
LBS	254,701	1,914,010	5,527,743	54,574	137,721	58,842	223,248	729,228	947,277	270,139	3,113,089	2,137,386	7,696,454
LBS/ACRE	16	36	78	9	23	15	29	45	33	35	98	70	55
ACRE TRTD/CNTY	0.1	0.5	0.6	0.1	0.1	0.0	0.1	0.1	0.2	0.1	0.3	0.3	1.2
LBS/ACRE CNTY	2.2	16.4	47.3	0.5	1.2	0.5	1.9	6.2	8.1	2.3	26.6	18.3	65.8
ACRES WHEAT	50,321	32,872	33,028	128	32,835	17,358	128	15,385	17,358	128	15,541	17,358	116,220
LBS	1,781,881	1,814,119	2,220,817	1,927	1,382,367	397,587	7,706	818,193	988,220	3,853	891,569	1,325,395	5,816,817
LBS/ACRE	35	55	67	15	42	23	60	53	57	30	57	76	50
ACRE TRTD/CNTY	1.7	1.1	1.1	0.0	1.1	0.6	0.0	0.5	0.6	0.0	0.5	0.6	3.9
LBS/ACRE CNTY	59.3	60.4	74.0	0.1	46.0	13.2	0.3	27.2	32.9	0.1	29.7	44.1	193.7
ACRES OATS	4,065	4,234	4,065	0	688	3,377	0	857	3,377	0	688	3,377	12,364
LBS	192,481	233,312	220,377	0	36,597	155,883	0	47,507	185,805	0	45,169	175,208	646,169
LBS/ACRE	47	55	54	0	53	46	0	55	55	0	66	52	52
ACRE TRTD/CNTY	0.9	0.9	0.9	0.0	0.2	0.8	0.0	0.2	0.8	0.0	0.2	0.8	2.8
LBS/ACRE CNTY	43.0	52.1	49.2	0.0	8.2	34.8	0.0	10.6	41.5	0.0	10.1	39.1	144.2
ACRES HAY	6,900	10,340	12,880	0	3,900	3,000	0	7,340	3,000	0	9,880	3,000	30,120
LBS	232,080	455,260	1,267,620	0	61,080	171,000	0	284,260	171,000	0	1,096,620	171,000	1,954,960
LBS/ACRE	34	44	98	0	16	57	0	39	57	0	111	57	65
ACRE TRTD/CNTY	0.5	0.7	0.9	0.0	0.3	0.2	0.0	0.5	0.2	0.0	0.7	0.2	2.1
LBS/ACRE CNTY	16.3	31.9	88.8	0.0	4.3	12.0	0.0	19.9	12.0	0.0	76.8	12.0	136.9
ACRES OTHER CP	5,033	3,576	3,576	232	1,457	3,344	232	0	3,344	232	0	3,344	12,185
LBS	399,371	451,589	922,583	9,272	179,205	210,894	4,636	0	446,954	9,272	0	913,311	1,773,543
LBS/ACRE	79	126	258	40	123	63	20	0	134	40	0	273	146
ACRE TRTD/CNTY	1.4	1.0	1.0	0.1	0.4	0.9	0.1	0.0	0.9	0.1	0.0	0.9	3.3
LBS/ACRE CNTY	107.6	121.7	248.5	2.5	48.3	56.8	1.2	0.0	120.4	2.5	0.0	246.0	477.8
ACRES CROPS	229,251	190,312	218,353	54,920	73,351	100,684	34,342	51,644	104,030	31,549	82,830	103,677	637,916
LBS	13,699,727	10,583,685	18,486,422	3,435,574	5,188,490	5,072,098	2,096,175	2,630,014	5,843,238	1,214,047	8,442,324	8,822,921	42,769,833
LBS/ACRE	60	56	85	63	71	50	61	51	56	39	102	85	67
ACRE TRTD/CNTY	0.9	0.8	0.9	0.2	0.3	0.4	0.1	0.2	0.4	0.1	0.3	0.4	2.6
LBS/ACRE CNTY	56.3	43.5	76.0	14.1	21.3	20.8	8.6	10.8	24.0	5.0	34.7	36.3	175.8

(TABLE 72) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND METHOD OF APPLICATION USED IN WYANDOT COUNTY - 1986

** FERTILIZER BY METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
			ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
WYANDOT	175	175	55,413.8	5.8	89,688.5	6.1	34,148.1	5.4	1,492.5	6.7	8,754.4	5.7	0.0	0.0	189,497.4
**********															

** METH APP **	NITROGEN	P2O5	K2O	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	111,690	68,741	66,431	40,224	22,914	48,552	34,035	10,138	24,569	29,397	10,138	26,897	246,862
LBS	8,629,603	4,446,433	5,516,588	2,350,724	1,734,862	4,544,016	1,756,552	706,310	1,983,571	1,461,035	1,108,586	2,946,967	18,592,623
LBS/ACRE	77	65	83	58	76	94	52	70	81	50	109	110	75
ACRE TRTD/CNTY	2.0	1.2	1.2	0.7	0.4	0.9	0.6	0.2	0.4	0.5	0.2	0.5	4.5
LBS/ACRE CNTY	155.7	80.2	99.6	42.4	31.3	82.0	31.7	12.7	35.8	26.4	20.0	53.2	335.5
ACRES SOYBEANS	5,426	27,607	40,885	0	3,459	1,967	0	11,459	16,148	0	18,016	22,869	73,918
LBS	82,623	1,167,672	3,630,508	0	40,328	42,295	0	408,656	759,016	0	1,644,197	1,986,312	4,880,803
LBS/ACRE	15	42	89	0	12	22	0	36	47	0	91	87	66
ACRE TRTD/CNTY	0.1	0.3	0.5	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.2	0.3	0.8
LBS/ACRE CNTY	0.9	13.0	40.5	0.0	0.4	0.5	0.0	4.6	8.5	0.0	18.3	22.1	54.4
ACRES WHEAT	48,722	34,074	34,074	2,944	28,389	17,389	2,648	14,037	17,389	2,648	14,037	17,389	116,870
LBS	2,261,593	2,079,019	2,225,611	94,352	1,528,500	638,741	108,167	948,444	1,022,407	82,500	951,444	1,191,667	6,566,222
LBS/ACRE	46	61	65	32	54	37	41	68	59	31	68	69	56
ACRE TRTD/CNTY	1.4	1.0	1.0	0.1	0.8	0.5	0.1	0.4	0.5	0.1	0.4	0.5	3.4
LBS/ACRE CNTY	66.2	60.9	65.2	2.8	44.8	18.7	3.2	27.8	29.9	2.4	27.9	34.9	192.3
ACRES OATS	1,090	1,090	1,090	90	358	642	90	358	642	90	358	642	3,269
LBS	24,358	60,045	60,045	1,612	9,851	12,896	5,373	25,612	29,060	5,373	25,612	29,060	144,448
LBS/ACRE	22	55	55	18	28	20	60	72	45	60	72	45	44
ACRE TRTD/CNTY	0.7	0.7	0.7	0.1	0.2	0.4	0.1	0.2	0.4	0.1	0.2	0.4	2.2
LBS/ACRE CNTY	16.3	40.2	40.2	1.1	6.6	8.6	3.6	17.2	19.5	3.6	17.2	19.5	96.8
ACRES HAY	0	88	88	0	0	0	0	88	0	0	88	0	175
LBS	0	4,035	10,702	0	0	0	0	4,035	0	0	10,702	0	14,737
LBS/ACRE	0	46	122	0	0	0	0	46	0	0	122	0	84
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.5	1.2	0.0	0.0	0.0	0.0	0.5	0.0	0.0	1.2	0.0	1.7
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	166,928	131,599	142,568	43,258	55,120	68,550	36,772	36,080	58,747	32,134	42,637	67,796	441,095
LBS	10,998,176	7,757,203	11,443,454	2,446,688	3,313,541	5,237,948	1,870,092	2,093,058	3,794,054	1,548,908	3,740,541	6,154,005	30,198,833
LBS/ACRE	66	59	80	57	60	76	51	58	65	48	88	91	69
ACRE TRTD/CNTY	0.9	0.7	0.8	0.2	0.3	0.4	0.2	0.2	0.3	0.2	0.2	0.4	2.3
LBS/ACRE CNTY	58.0	40.9	60.4	12.9	17.5	27.6	9.9	11.0	20.0	8.2	19.7	32.5	159.4

(TABLE 73) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND METHOD OF APPLICATION USED IN ASHTABULA COUNTY - 1986

** FERTILIZER BY METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
ASHTABULA	7	7	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********			21,754.5	11.0	11,705.9	6.8	3,198.3	11.6	6,014.1	7.1	39,415.8	10.1	0.0	0.0	82,088.6

** METH APP **	NITROGEN	P2O5	K2O	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	29,646	22,509	23,900	9,682	12,046	7,918	9,682	7,855	4,973	9,046	7,855	7,000	76,055
LBS	2,409,436	1,684,209	2,148,636	323,700	1,466,564	619,173	605,755	705,782	372,673	746,127	845,782	556,727	6,242,282
LBS/ACRE	81	75	90	33	122	78	63	90	75	83	108	80	82
ACRE TRTD/CNTY	1.4	1.0	1.1	0.4	0.6	0.4	0.4	0.4	0.2	0.4	0.4	0.3	3.5
LBS/ACRE CNTY	110.8	77.4	98.8	14.9	67.4	28.5	27.8	32.4	17.1	34.3	38.9	25.6	286.9
ACRES SOYBEANS	6,103	7,412	10,353	294	5,544	265	294	5,544	1,574	294	8,485	1,574	23,868
LBS	112,324	371,779	968,985	2,941	106,735	2,647	11,765	292,162	67,853	11,765	862,074	95,147	1,453,088
LBS/ACRE	18	50	94	10	19	10	40	53	43	40	102	61	61
ACRE TRTD/CNTY	0.5	0.6	0.9	0.0	0.5	0.0	0.0	0.5	0.1	0.0	0.7	0.1	2.0
LBS/ACRE CNTY	9.6	31.8	82.8	0.3	9.1	0.2	1.0	25.0	5.8	1.0	73.6	8.1	124.1
ACRES WHEAT	3,009	2,853	2,853	181	2,190	638	181	2,035	638	181	2,035	638	8,716
LBS	210,069	146,103	171,862	4,345	162,190	43,535	8,069	106,017	32,017	8,069	117,121	46,672	528,035
LBS/ACRE	70	51	60	24	74	68	45	52	50	45	58	73	61
ACRE TRTD/CNTY	0.9	0.9	0.9	0.1	0.7	0.2	0.1	0.6	0.2	0.1	0.6	0.2	2.7
LBS/ACRE CNTY	65.7	45.7	53.7	1.4	50.7	13.6	2.5	33.1	10.0	2.5	36.6	14.6	165.1
ACRES OATS	5,761	5,761	5,761	563	2,634	2,563	563	2,634	2,563	563	2,634	2,563	17,282
LBS	160,944	327,282	348,028	14,366	58,775	87,803	28,732	141,662	156,887	28,732	162,409	156,887	836,254
LBS/ACRE	28	57	60	26	22	34	51	54	61	51	62	61	48
ACRE TRTD/CNTY	1.0	1.0	1.0	0.1	0.4	0.4	0.1	0.4	0.4	0.1	0.4	0.4	2.9
LBS/ACRE CNTY	26.8	54.4	57.9	2.4	9.8	14.6	4.8	23.6	26.1	4.8	27.0	26.1	139.0
ACRES HAY	10,475	12,327	12,327	0	10,396	79	0	11,654	673	0	11,654	673	35,129
LBS	274,248	516,871	816,970	0	271,396	2,852	0	486,693	30,178	0	742,832	74,139	1,608,089
LBS/ACRE	26	42	66	0	26	36	0	42	45	0	64	110	46
ACRE TRTD/CNTY	0.3	0.3	0.3	0.0	0.3	0.0	0.0	0.3	0.0	0.0	0.3	0.0	0.9
LBS/ACRE CNTY	7.0	13.1	20.7	0.0	6.9	0.1	0.0	12.3	0.8	0.0	18.8	1.9	40.8
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	54,993	50,862	55,194	10,720	32,809	11,463	10,720	29,720	10,421	10,084	32,662	12,448	161,048
LBS	3,167,020	3,046,245	4,454,482	345,352	2,065,659	756,009	654,321	1,732,316	659,609	794,693	2,730,216	929,573	10,667,747
LBS/ACRE	58	60	81	32	63	66	61	58	63	79	84	75	66
ACRE TRTD/CNTY	0.7	0.6	0.7	0.1	0.4	0.1	0.1	0.4	0.1	0.1	0.4	0.2	2.0
LBS/ACRE CNTY	38.6	37.1	54.3	4.2	25.2	9.2	8.0	21.1	8.0	9.7	33.3	11.3	130.0

(TABLE 74) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND METHOD OF APPLICATION USED IN CUYAHOGA COUNTY - 1986

** FERTILIZER BY METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR ACRES	CORN FACTOR USED	SOYBEAN FACTOR ACRES	SOYBEAN FACTOR USED	WHEAT FACTOR ACRES	WHEAT FACTOR USED	OATS FACTOR ACRES	OATS FACTOR USED	HAY FACTOR ACRES	HAY FACTOR USED	OTHER CROP FACTOR ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
CUYAHOGA	35	35	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,368.4	1.9	0.0	0.0	1,368.4
**********															

** METH APP **	NITROGEN	P2O5	K2O	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES SOYBEANS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES WHEAT	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES OATS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES HAY	579	579	579	0	579	0	0	579	0	0	579	0	1,737
LBS	11,368	23,158	41,684	0	11,368	0	0	23,158	0	0	41,684	0	76,211
LBS/ACRE	20	40	72	0	20	0	0	40	0	0	72	0	44
ACRE TRTD/CNTY	0.4	0.4	0.4	0.0	0.4	0.0	0.0	0.4	0.0	0.0	0.4	0.0	1.3
LBS/ACRE CNTY	8.3	16.9	30.5	0.0	8.3	0.0	0.0	16.9	0.0	0.0	30.5	0.0	55.7
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	579	579	579	0	579	0	0	579	0	0	579	0	1,737
LBS	11,368	23,158	41,684	0	11,368	0	0	23,158	0	0	41,684	0	76,211
LBS/ACRE	20	40	72	0	20	0	0	40	0	0	72	0	44
ACRE TRTD/CNTY	0.4	0.4	0.4	0.0	0.4	0.0	0.0	0.4	0.0	0.0	0.4	0.0	1.3
LBS/ACRE CNTY	8.3	16.9	30.5	0.0	8.3	0.0	0.0	16.9	0.0	0.0	30.5	0.0	55.7

(TABLE 75) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND METHOD OF APPLICATION USED IN GEAUGA COUNTY - 1986

** FERTILIZER BY METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
GEAUGA	55	55	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********			10,666.7	2.7	0.0	0.0	0.0	0.0	3,741.9	3.1	17,179.5	3.9	0.0	0.0	31,588.1

** METH APP **	NITROGEN	P2O5	K2O	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	16,259	11,333	11,333	2,000	5,556	8,704	2,000	407	8,926	2,000	407	8,926	38,926
LBS	756,704	593,148	593,148	71,556	375,444	309,704	104,889	29,222	459,037	104,889	29,222	459,037	1,943,000
LBS/ACRE	47	52	52	36	68	36	52	72	51	52	72	51	50
ACRE TRTD/CNTY	1.5	1.1	1.1	0.2	0.5	0.8	0.2	0.0	0.8	0.2	0.0	0.8	3.6
LBS/ACRE CNTY	70.9	55.6	55.6	6.7	35.2	29.0	9.8	2.7	43.0	9.8	2.7	43.0	182.2
ACRES SOYBEANS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES WHEAT	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES OATS	3,548	3,548	3,548	194	1,161	2,194	194	1,161	2,194	194	1,161	2,194	10,645
LBS	116,387	203,484	203,484	4,645	62,710	49,032	4,645	62,710	136,129	4,645	62,710	136,129	523,355
LBS/ACRE	33	57	57	24	54	22	24	54	62	24	54	62	49
ACRE TRTD/CNTY	0.9	0.9	0.9	0.1	0.3	0.6	0.1	0.3	0.6	0.1	0.3	0.6	2.8
LBS/ACRE CNTY	31.1	54.4	54.4	1.2	16.8	13.1	1.2	16.8	36.4	1.2	16.8	36.4	139.9
ACRES HAY	2,103	11,897	13,487	0	2,103	0	0	11,897	0	0	13,487	0	27,487
LBS	60,323	661,051	1,068,615	0	60,323	0	0	661,051	0	0	1,068,615	0	1,789,990
LBS/ACRE	29	56	79	0	29	0	0	56	0	0	79	0	65
ACRE TRTD/CNTY	0.1	0.7	0.8	0.0	0.1	0.0	0.0	0.7	0.0	0.0	0.8	0.0	1.6
LBS/ACRE CNTY	3.5	38.5	62.2	0.0	3.5	0.0	0.0	38.5	0.0	0.0	62.2	0.0	104.2
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	21,910	26,779	28,369	2,194	8,819	10,897	2,194	13,466	11,120	2,194	15,056	11,120	77,058
LBS	933,414	1,457,683	1,865,247	76,201	498,477	358,736	109,534	752,983	595,166	109,534	1,160,547	595,166	4,256,344
LBS/ACRE	43	54	66	35	57	33	50	56	54	50	77	54	55
ACRE TRTD/CNTY	0.7	0.8	0.9	0.1	0.3	0.3	0.1	0.4	0.4	0.1	0.5	0.4	2.4
LBS/ACRE CNTY	29.5	46.1	59.0	2.4	15.8	11.4	3.5	23.8	18.8	3.5	36.7	18.8	134.7

(TABLE 76) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND METHOD OF APPLICATION USED IN LAKE COUNTY - 1986

** FERTILIZER BY METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR ACRES	CORN FACTOR USED	SOYBEAN FACTOR ACRES	SOYBEAN FACTOR USED	WHEAT FACTOR ACRES	WHEAT FACTOR USED	OATS FACTOR ACRES	OATS FACTOR USED	HAY FACTOR ACRES	HAY FACTOR USED	OTHER CROP FACTOR ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
LAKE	85	85													
**********			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,833.3	2.4	0.0	0.0	3,833.3

** METH APP **	NITROGEN	P2O5	K2O	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES SOYBEANS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES WHEAT	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES OATS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES HAY	3,125	3,375	3,375	0	2,500	625	0	2,667	708	0	2,667	708	9,875
LBS	77,500	85,000	118,000	0	60,000	17,500	0	63,667	21,333	0	93,000	25,000	280,500
LBS/ACRE	25	25	35	0	24	28	0	24	30	0	35	35	28
ACRE TRTD/CNTY	0.8	0.9	0.9	0.0	0.7	0.2	0.0	0.7	0.2	0.0	0.7	0.2	2.6
LBS/ACRE CNTY	20.2	22.2	30.8	0.0	15.7	4.6	0.0	16.6	5.6	0.0	24.3	6.5	73.2
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	3,125	3,375	3,375	0	2,500	625	0	2,667	708	0	2,667	708	9,875
LBS	77,500	85,000	118,000	0	60,000	17,500	0	63,667	21,333	0	93,000	25,000	280,500
LBS/ACRE	25	25	35	0	24	28	0	24	30	0	35	35	28
ACRE TRTD/CNTY	0.8	0.9	0.9	0.0	0.7	0.2	0.0	0.7	0.2	0.0	0.7	0.2	2.6
LBS/ACRE CNTY	20.2	22.2	30.8	0.0	15.7	4.6	0.0	16.6	5.6	0.0	24.3	6.5	73.2

(TABLE 77) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND METHOD OF APPLICATION USED IN MEDINA COUNTY - 1986

** FERTILIZER BY METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN ACRES	CORN FACTOR USED	SOYBEAN ACRES	SOYBEAN FACTOR USED	WHEAT ACRES	WHEAT FACTOR USED	OATS ACRES	OATS FACTOR USED	HAY ACRES	HAY FACTOR USED	OTHER CROP ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
MEDINA	103	103	27,571.4	7.0	20,566.7	6.0	6,263.2	3.8	3,476.9	6.5	23,051.3	3.9	0.0	0.0	80,929.5
**********															

** METH APP **	NITROGEN	P2O5	K2O	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	50,843	27,771	26,214	24,329	18,357	8,157	12,471	11,214	4,086	8,443	14,071	3,700	104,829
LBS	4,003,779	1,786,507	2,121,136	2,399,507	1,027,558	576,714	799,064	756,500	230,943	463,793	1,425,071	232,272	7,911,422
LBS/ACRE	79	64	81	99	56	71	64	68	57	55	101	63	76
ACRE TRTD/CNTY	1.8	1.0	1.0	0.9	0.7	0.3	0.5	0.4	0.1	0.3	0.5	0.1	3.8
LBS/ACRE CNTY	145.2	64.8	76.9	87.0	37.3	20.9	29.0	27.4	8.4	16.8	51.7	8.4	286.9
ACRES SOYBEANS	10,967	17,950	17,950	1,967	8,167	833	2,267	11,767	3,917	2,267	11,767	3,917	46,867
LBS	238,646	938,350	1,210,167	12,913	214,667	11,067	98,100	685,767	154,483	95,700	904,267	210,200	2,387,163
LBS/ACRE	22	52	67	7	26	13	43	58	39	42	77	54	51
ACRE TRTD/CNTY	0.5	0.9	0.9	0.1	0.4	0.0	0.1	0.6	0.2	0.1	0.6	0.2	2.3
LBS/ACRE CNTY	11.6	45.6	58.8	0.6	10.4	0.5	4.8	33.3	7.5	4.7	44.0	10.2	116.1
ACRES WHEAT	7,447	5,658	5,658	0	5,579	1,868	0	3,790	1,868	0	3,790	1,868	18,763
LBS	314,053	491,790	455,158	0	253,684	60,368	0	250,316	241,474	0	213,684	241,474	1,261,000
LBS/ACRE	42	87	80	0	46	32	0	66	129	0	56	129	67
ACRE TRTD/CNTY	1.2	0.9	0.9	0.0	0.9	0.3	0.0	0.6	0.3	0.0	0.6	0.3	3.0
LBS/ACRE CNTY	50.1	78.5	72.7	0.0	40.5	9.6	0.0	40.0	38.6	0.0	34.1	38.6	201.3
ACRES OATS	3,262	3,262	3,262	508	2,369	385	508	2,369	385	508	2,369	385	9,785
LBS	90,585	182,692	182,692	13,385	61,969	15,231	29,723	132,200	20,769	29,723	132,200	20,769	455,969
LBS/ACRE	28	56	56	26	26	40	59	56	54	59	56	54	47
ACRE TRTD/CNTY	0.9	0.9	0.9	0.1	0.7	0.1	0.1	0.7	0.1	0.1	0.7	0.1	2.8
LBS/ACRE CNTY	26.1	52.5	52.5	3.8	17.8	4.4	8.5	38.0	6.0	8.5	38.0	6.0	131.1
ACRES HAY	3,974	8,692	23,564	0	3,974	0	0	8,692	0	0	23,564	0	36,231
LBS	49,641	421,333	2,719,077	0	49,641	0	0	421,333	0	0	2,719,077	0	3,190,051
LBS/ACRE	13	49	115	0	13	0	0	49	0	0	115	0	88
ACRE TRTD/CNTY	0.2	0.4	1.0	0.0	0.2	0.0	0.0	0.4	0.0	0.0	1.0	0.0	1.6
LBS/ACRE CNTY	2.2	18.3	118.0	0.0	2.2	0.0	0.0	18.3	0.0	0.0	118.0	0.0	138.4
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	76,493	63,333	76,648	26,803	38,446	11,244	15,246	37,832	10,255	11,217	55,561	9,870	216,474
LBS	4,696,703	3,820,672	6,688,229	2,425,804	1,607,519	663,380	926,887	2,246,116	647,669	589,216	5,394,299	704,714	15,205,604
LBS/ACRE	61	60	87	91	42	59	61	59	63	53	97	71	70
ACRE TRTD/CNTY	0.9	0.8	0.9	0.3	0.5	0.1	0.2	0.5	0.1	0.1	0.7	0.1	2.7
LBS/ACRE CNTY	58.0	47.2	82.6	30.0	19.9	8.2	11.5	27.8	8.0	7.3	66.7	8.7	187.9

(TABLE 78) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND METHOD OF APPLICATION USED IN PORTAGE COUNTY - 1986

** FERTILIZER BY METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
PORTAGE	133	133	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********			26,017.5	5.7	10,580.6	3.1	5,882.4	3.4	3,094.6	7.4	17,072.7	5.5	0.0	0.0	62,647.9

** METH APP **	NITROGEN	P205	K20	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	51,737	35,895	32,404	13,298	5,105	33,333	11,965	105	23,825	8,895	7,561	15,947	120,035
LBS	3,206,439	1,653,702	2,340,895	506,649	663,983	2,035,807	697,474	5,053	951,175	715,491	813,825	811,579	7,201,035
LBS/ACRE	62	46	72	38	130	61	58	48	40	80	108	51	60
ACRE TRTD/CNTY	2.0	1.4	1.2	0.5	0.2	1.3	0.5	0.0	0.9	0.3	0.3	0.6	4.6
LBS/ACRE CNTY	123.2	63.6	90.0	19.5	25.5	78.2	26.8	0.2	36.6	27.5	31.3	31.2	276.8
ACRES SOYBEANS	4,484	2,000	4,774	0	161	4,323	0	581	1,419	0	1,097	2,258	11,258
LBS	173,032	62,645	508,000	0	1,936	171,097	0	18,645	44,000	0	96,065	241,613	743,677
LBS/ACRE	39	31	106	0	12	40	0	32	31	0	88	107	66
ACRE TRTD/CNTY	0.4	0.2	0.5	0.0	0.0	0.4	0.0	0.1	0.1	0.0	0.1	0.2	1.1
LBS/ACRE CNTY	16.4	5.9	48.0	0.0	0.2	16.2	0.0	1.8	4.2	0.0	9.1	22.8	70.3
ACRES WHEAT	6,647	6,029	6,029	441	4,882	1,324	441	3,529	2,059	441	3,529	2,059	18,706
LBS	172,176	341,323	351,618	7,941	144,824	19,412	31,765	209,853	99,706	31,765	220,147	99,706	865,117
LBS/ACRE	26	57	58	18	30	15	72	60	48	72	62	48	46
ACRE TRTD/CNTY	1.1	1.0	1.0	0.1	0.8	0.2	0.1	0.6	0.4	0.1	0.6	0.4	3.2
LBS/ACRE CNTY	29.3	58.0	59.8	1.3	24.6	3.3	5.4	35.7	16.9	5.4	37.4	16.9	147.1
ACRES OATS	2,824	2,824	2,824	135	1,257	1,432	135	1,257	1,432	135	1,257	1,432	8,473
LBS	82,568	161,392	163,176	7,703	44,270	30,595	7,703	61,460	92,230	7,703	63,243	92,230	407,135
LBS/ACRE	29	57	58	57	35	21	57	49	64	57	50	64	48
ACRE TRTD/CNTY	0.9	0.9	0.9	0.0	0.4	0.5	0.0	0.4	0.5	0.0	0.4	0.5	2.7
LBS/ACRE CNTY	26.7	52.2	52.7	2.5	14.3	9.9	2.5	19.9	29.8	2.5	20.4	29.8	131.6
ACRES HAY	2,564	7,236	10,473	0	2,564	0	0	7,236	0	0	10,473	0	20,273
LBS	128,691	344,164	1,469,673	0	128,691	0	0	344,164	0	0	1,469,673	0	1,942,527
LBS/ACRE	50	48	140	0	50	0	0	48	0	0	140	0	96
ACRE TRTD/CNTY	0.2	0.4	0.6	0.0	0.2	0.0	0.0	0.4	0.0	0.0	0.6	0.0	1.2
LBS/ACRE CNTY	7.5	20.2	86.1	0.0	7.5	0.0	0.0	20.2	0.0	0.0	86.1	0.0	113.8
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	68,256	53,985	56,504	13,875	13,969	40,412	12,541	12,708	28,735	9,471	23,917	21,697	178,745
LBS	3,762,906	2,563,226	4,833,361	522,293	983,703	2,256,910	736,941	639,174	1,187,111	754,959	2,662,952	1,245,127	11,159,492
LBS/ACRE	55	48	86	38	70	56	59	50	41	80	111	57	62
ACRE TRTD/CNTY	1.1	0.9	0.9	0.2	0.2	0.6	0.2	0.2	0.5	0.2	0.4	0.3	2.9
LBS/ACRE CNTY	60.1	40.9	77.2	8.3	15.7	36.0	11.8	10.2	18.9	12.1	42.5	19.9	178.1

(TABLE 79) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND METHOD OF APPLICATION USED IN SUMMIT COUNTY - 1986

** FERTILIZER BY METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR ACRES	CORN FACTOR USED	SOYBEAN FACTOR ACRES	SOYBEAN FACTOR USED	WHEAT FACTOR ACRES	WHEAT FACTOR USED	OATS FACTOR ACRES	OATS FACTOR USED	HAY FACTOR ACRES	HAY FACTOR USED	OTHER CROP FACTOR ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
SUMMIT	153	153	3,906.5	10.7	1,583.3	3.6	1,102.2	18.6	1,000.0	22.9	4,484.4	6.4	0.0	0.0	12,076.4
**********															

** METH APP **	NITROGEN	P205	K20	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	5,495	3,907	3,907	841	822	3,832	841	28	3,037	841	28	3,037	13,308
LBS	252,430	227,804	174,813	20,187	87,056	145,187	63,084	1,262	163,458	10,094	1,262	163,458	655,047
LBS/ACRE	46	58	45	24	106	38	75	45	54	12	45	54	49
ACRE TRTD/CNTY	1.4	1.0	1.0	0.2	0.2	1.0	0.2	0.0	0.8	0.2	0.0	0.8	3.4
LBS/ACRE CNTY	64.6	58.3	44.7	5.2	22.3	37.2	16.1	0.3	41.8	2.6	0.3	41.8	167.7
ACRES SOYBEANS	750	750	750	194	0	556	194	0	556	194	0	556	2,250
LBS	23,500	34,000	34,000	3,500	0	20,000	14,000	0	20,000	14,000	0	20,000	91,500
LBS/ACRE	31	45	45	18	0	36	72	0	36	72	0	36	41
ACRE TRTD/CNTY	0.5	0.5	0.5	0.1	0.0	0.4	0.1	0.0	0.4	0.1	0.0	0.4	1.4
LBS/ACRE CNTY	14.8	21.5	21.5	2.2	0.0	12.6	8.8	0.0	12.6	8.8	0.0	12.6	57.8
ACRES WHEAT	1,290	1,102	1,102	323	350	618	323	161	618	323	161	618	3,495
LBS	44,946	71,290	71,290	11,613	8,737	24,597	23,226	11,613	36,452	23,226	11,613	36,452	187,527
LBS/ACRE	35	65	65	36	25	40	72	72	59	72	72	59	54
ACRE TRTD/CNTY	1.2	1.0	1.0	0.3	0.3	0.6	0.3	0.1	0.6	0.3	0.1	0.6	3.2
LBS/ACRE CNTY	40.8	64.7	64.7	10.5	7.9	22.3	21.1	10.5	33.1	21.1	10.5	33.1	170.1
ACRES OATS	1,153	1,000	1,000	218	328	607	218	175	607	218	175	607	3,153
LBS	44,879	61,321	61,321	8,232	12,620	24,026	16,465	12,576	32,280	16,465	12,576	32,280	167,520
LBS/ACRE	39	61	61	38	39	40	75	72	53	75	72	53	53
ACRE TRTD/CNTY	1.2	1.0	1.0	0.2	0.3	0.6	0.2	0.2	0.6	0.2	0.2	0.6	3.2
LBS/ACRE CNTY	44.9	61.3	61.3	8.2	12.6	24.0	16.5	12.6	32.3	16.5	12.6	32.3	167.5
ACRES HAY	578	1,984	1,984	109	469	0	109	1,875	0	109	1,875	0	4,547
LBS	8,813	96,000	276,000	6,000	2,813	0	6,000	90,000	0	6,000	270,000	0	380,813
LBS/ACRE	15	48	139	55	6	0	55	48	0	55	144	0	84
ACRE TRTD/CNTY	0.1	0.4	0.4	0.0	0.1	0.0	0.0	0.4	0.0	0.0	0.4	0.0	1.0
LBS/ACRE CNTY	2.0	21.4	61.5	1.3	0.6	0.0	1.3	20.1	0.0	1.3	60.2	0.0	84.9
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	9,267	8,743	8,743	1,686	1,968	5,613	1,686	2,239	4,818	1,686	2,239	4,818	26,753
LBS	374,567	490,415	617,424	49,532	111,225	213,810	122,775	115,451	252,189	69,784	295,451	252,189	1,482,406
LBS/ACRE	40	56	71	29	57	38	73	52	52	41	132	52	55
ACRE TRTD/CNTY	0.8	0.7	0.7	0.1	0.2	0.5	0.1	0.2	0.4	0.1	0.2	0.4	2.2
LBS/ACRE CNTY	31.0	40.6	51.1	4.1	9.2	17.7	10.2	9.6	20.9	5.8	24.5	20.9	122.8

(TABLE 80) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND METHOD OF APPLICATION USED IN TRUMBULL COUNTY - 1986

** FERTILIZER BY METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR ACRES	CORN FACTOR USED	SOYBEAN FACTOR ACRES	SOYBEAN FACTOR USED	WHEAT FACTOR ACRES	WHEAT FACTOR USED	OATS FACTOR ACRES	OATS FACTOR USED	HAY FACTOR ACRES	HAY FACTOR USED	OTHER CROP FACTOR ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
TRUMBULL	155	155													
**********			17,700.0	11.0	12,867.6	6.8	3,113.6	8.8	3,505.3	9.5	22,316.7	6.0	0.0	0.0	59,503.2

** METH APP **	NITROGEN	P2O5	K2O	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	32,246	18,282	26,000	10,000	5,009	17,236	7,209	3,073	8,000	6,246	6,300	13,455	76,527
LBS	2,334,862	1,237,848	1,880,196	492,791	362,607	1,479,464	498,855	171,593	567,400	276,418	662,742	941,036	5,452,906
LBS/ACRE	72	68	72	49	72	86	69	56	71	44	105	70	71
ACRE TRTD/CNTY	1.8	1.0	1.5	0.6	0.3	1.0	0.4	0.2	0.5	0.4	0.4	0.8	4.3
LBS/ACRE CNTY	131.9	69.9	106.2	27.8	20.5	83.6	28.2	9.7	32.1	15.6	37.4	53.2	308.1
ACRES SOYBEANS	3,956	6,485	8,897	1,397	2,029	529	2,647	1,956	1,882	2,647	4,368	1,882	19,338
LBS	66,118	356,529	738,059	15,735	42,618	7,765	127,941	113,647	114,941	143,382	472,206	122,471	1,160,706
LBS/ACRE	17	55	83	11	21	15	48	58	61	54	108	65	60
ACRE TRTD/CNTY	0.3	0.5	0.7	0.1	0.2	0.0	0.2	0.2	0.1	0.2	0.3	0.1	1.5
LBS/ACRE CNTY	5.1	27.7	57.4	1.2	3.3	0.6	9.9	8.8	8.9	11.1	36.7	9.5	90.2
ACRES WHEAT	5,091	3,000	3,000	1,671	989	2,432	193	375	2,432	193	375	2,432	11,091
LBS	172,921	147,989	156,818	79,080	45,227	48,614	13,330	11,955	122,705	17,386	11,955	127,477	477,727
LBS/ACRE	34	49	52	47	46	20	69	32	51	90	32	52	43
ACRE TRTD/CNTY	1.6	1.0	1.0	0.5	0.3	0.8	0.1	0.1	0.8	0.1	0.1	0.8	3.6
LBS/ACRE CNTY	55.5	47.5	50.4	25.4	14.5	15.6	4.3	3.8	39.4	5.6	3.8	40.9	153.4
ACRES OATS	3,347	3,347	3,347	726	400	2,221	726	400	2,221	726	400	2,221	10,042
LBS	111,395	169,247	154,426	27,037	8,190	76,168	58,363	18,611	92,274	43,542	18,611	92,274	435,068
LBS/ACRE	33	51	46	37	21	34	80	47	42	60	47	42	43
ACRE TRTD/CNTY	1.0	1.0	1.0	0.2	0.1	0.6	0.2	0.1	0.6	0.2	0.1	0.6	2.9
LBS/ACRE CNTY	31.8	48.3	44.1	7.7	2.3	21.7	16.7	5.3	26.3	12.4	5.3	26.3	124.1
ACRES HAY	6,617	10,200	14,533	500	6,117	0	500	9,700	0	500	14,033	0	31,350
LBS	122,200	525,933	1,646,733	9,000	113,200	0	36,000	489,933	0	36,000	1,610,733	0	2,294,867
LBS/ACRE	19	52	113	18	19	0	72	51	0	72	115	0	73
ACRE TRTD/CNTY	0.3	0.5	0.7	0.0	0.3	0.0	0.0	0.4	0.0	0.0	0.6	0.0	1.4
LBS/ACRE CNTY	5.5	23.6	73.8	0.4	5.1	0.0	1.6	22.0	0.0	1.6	72.2	0.0	102.8
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	51,256	41,315	55,778	14,294	14,544	22,419	11,276	15,504	14,535	10,312	25,476	19,990	148,349
LBS	2,807,495	2,437,547	4,576,233	623,642	571,842	1,612,011	734,489	805,738	897,320	516,729	2,776,246	1,283,258	9,821,275
LBS/ACRE	55	59	82	44	39	72	65	52	62	50	109	64	66
ACRE TRTD/CNTY	0.9	0.7	0.9	0.2	0.2	0.4	0.2	0.3	0.2	0.2	0.4	0.3	2.5
LBS/ACRE CNTY	47.2	41.0	76.9	10.5	9.6	27.1	12.3	13.5	15.1	8.7	46.7	21.6	165.1

(TABLE 81) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND METHOD OF APPLICATION USED IN AUGLAIZE COUNTY - 1986

** FERTILIZER BY METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN ACRES	CORN FACTOR USED	SOYBEAN ACRES	SOYBEAN FACTOR USED	WHEAT ACRES	WHEAT FACTOR USED	OATS ACRES	OATS FACTOR USED	HAY ACRES	HAY FACTOR USED	OTHER CROP ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
AUGLAIZE	11	11													
**********			57,816.3	4.9	73,771.9	5.7	23,869.6	6.9	2,807.2	8.3	15,591.8	4.9	0.0	0.0	173,856.9

** METH APP **	NITROGEN	P205	K20	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	117,020	74,286	71,184	43,408	29,041	42,286	36,653	16,796	20,837	29,204	25,939	16,041	262,490
LBS	8,179,911	4,882,438	5,851,043	1,868,951	2,416,940	3,670,020	2,085,847	1,484,959	1,311,633	1,604,194	2,915,543	1,331,306	18,913,392
LBS/ACRE	70	66	82	43	83	87	57	88	63	55	112	83	72
ACRE TRTD/CNTY	2.0	1.3	1.2	0.8	0.5	0.7	0.6	0.3	0.4	0.5	0.4	0.3	4.5
LBS/ACRE CNTY	141.5	84.4	101.2	32.3	41.8	63.5	36.1	25.7	22.7	27.7	50.4	23.0	327.1
ACRES SOYBEANS	26,649	30,842	39,351	4,842	5,018	16,790	4,842	4,912	21,088	5,895	10,912	22,544	96,842
LBS	363,053	1,174,246	2,279,123	34,947	126,246	201,860	149,053	246,035	779,158	193,965	794,000	1,291,158	3,816,421
LBS/ACRE	14	38	58	7	25	12	31	50	37	33	73	57	39
ACRE TRTD/CNTY	0.4	0.4	0.5	0.1	0.1	0.2	0.1	0.1	0.3	0.1	0.1	0.3	1.3
LBS/ACRE CNTY	4.9	15.9	30.9	0.5	1.7	2.7	2.0	3.3	10.6	2.6	10.8	17.5	51.7
ACRES WHEAT	36,319	23,449	23,710	1,507	24,899	9,913	0	13,058	10,391	0	13,319	10,391	83,478
LBS	1,498,815	1,209,225	1,341,783	113,044	972,801	412,971	0	705,036	504,188	0	675,768	666,015	4,049,823
LBS/ACRE	41	52	57	75	39	42	0	54	49	0	51	64	49
ACRE TRTD/CNTY	1.5	1.0	1.0	0.1	1.0	0.4	0.0	0.5	0.4	0.0	0.6	0.4	3.5
LBS/ACRE CNTY	62.8	50.7	56.2	4.7	40.8	17.3	0.0	29.5	21.1	0.0	28.3	27.9	169.7
ACRES OATS	2,807	2,807	2,807	0	1,687	1,121	0	1,687	1,121	0	1,687	1,121	8,422
LBS	80,108	145,627	151,217	0	34,819	45,289	0	89,518	56,108	0	89,518	61,699	376,952
LBS/ACRE	29	52	54	0	21	40	0	53	50	0	53	55	45
ACRE TRTD/CNTY	1.0	1.0	1.0	0.0	0.6	0.4	0.0	0.6	0.4	0.0	0.6	0.4	3.0
LBS/ACRE CNTY	28.5	51.9	53.9	0.0	12.4	16.1	0.0	31.9	20.0	0.0	31.9	22.0	134.3
ACRES HAY	1,286	10,265	17,061	0	1,286	0	0	10,265	0	0	17,061	0	28,612
LBS	24,408	585,796	1,901,225	0	24,408	0	0	585,796	0	0	1,901,225	0	2,511,429
LBS/ACRE	19	57	111	0	19	0	0	57	0	0	111	0	88
ACRE TRTD/CNTY	0.1	0.7	1.1	0.0	0.1	0.0	0.0	0.7	0.0	0.0	1.1	0.0	1.8
LBS/ACRE CNTY	1.6	37.6	121.9	0.0	1.6	0.0	0.0	37.6	0.0	0.0	121.9	0.0	161.1
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	184,081	141,650	154,113	49,758	61,929	70,109	41,495	46,718	53,436	35,099	68,918	50,097	479,844
LBS	10,146,296	7,997,331	11,524,389	2,016,942	3,575,214	4,330,140	2,234,899	3,111,345	2,651,087	1,798,158	6,376,054	3,350,177	29,668,016
LBS/ACRE	55	57	75	41	58	62	54	67	50	51	93	67	62
ACRE TRTD/CNTY	1.1	0.8	0.9	0.3	0.4	0.4	0.2	0.3	0.3	0.2	0.4	0.3	2.8
LBS/ACRE CNTY	58.4	46.0	66.3	11.6	20.6	24.9	12.9	17.9	15.2	10.3	36.7	19.3	170.6

(TABLE 82) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND METHOD OF APPLICATION USED IN HARDIN COUNTY - 1986

** FERTILIZER BY METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
HARDIN	65	65	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********			77,050.0	4.0	97,063.8	4.7	33,470.6	5.1	1,602.9	6.8	7,904.8	4.2	0.0	0.0	217,092.1

** METH APP **	NITROGEN	P205	K20	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	158,750	87,275	82,175	52,425	48,150	58,175	27,875	25,075	34,325	26,875	28,475	26,825	328,200
LBS	11,324,900	4,845,875	6,116,675	4,192,425	3,035,950	4,096,525	1,526,975	1,516,300	1,802,600	1,619,625	2,851,350	1,645,700	22,287,450
LBS/ACRE	71	56	74	80	63	70	55	61	53	60	100	61	68
ACRE TRTD/CNTY	2.1	1.1	1.1	0.7	0.6	0.8	0.4	0.3	0.4	0.3	0.4	0.3	4.3
LBS/ACRE CNTY	147.0	62.9	79.4	54.4	39.4	53.2	19.8	19.7	23.4	21.0	37.0	21.4	289.3
ACRES SOYBEANS	10,021	21,021	38,149	745	5,872	3,404	1,255	14,426	5,340	1,255	22,511	14,383	69,192
LBS	138,851	990,255	2,666,617	5,319	41,617	91,915	34,851	631,447	323,957	53,830	1,264,277	1,348,511	3,795,723
LBS/ACRE	14	47	70	7	7	27	28	44	61	43	56	94	55
ACRE TRTD/CNTY	0.1	0.2	0.4	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.2	0.1	0.7
LBS/ACRE CNTY	1.4	10.2	27.5	0.1	0.4	0.9	0.4	6.5	3.3	0.6	13.0	13.9	39.1
ACRES WHEAT	53,451	32,255	32,255	7,157	25,451	20,843	1,275	14,098	16,882	1,275	14,098	16,882	117,961
LBS	2,311,765	1,676,843	1,984,118	346,941	1,148,216	816,608	57,765	682,431	936,647	57,765	693,588	1,232,765	5,972,726
LBS/ACRE	43	52	62	49	45	39	45	48	56	45	49	73	51
ACRE TRTD/CNTY	1.6	1.0	1.0	0.2	0.8	0.6	0.0	0.4	0.5	0.0	0.4	0.5	3.5
LBS/ACRE CNTY	69.1	50.1	59.3	10.4	34.3	24.4	1.7	20.4	28.0	1.7	20.7	36.8	178.4
ACRES OATS	1,324	1,324	1,324	324	309	691	324	309	691	324	309	691	3,971
LBS	40,588	62,824	62,824	2,912	9,618	28,059	11,647	9,618	41,559	11,647	9,618	41,559	166,235
LBS/ACRE	31	48	48	9	31	41	36	31	60	36	31	60	42
ACRE TRTD/CNTY	0.8	0.8	0.8	0.2	0.2	0.4	0.2	0.2	0.4	0.2	0.2	0.4	2.5
LBS/ACRE CNTY	25.3	39.2	39.2	1.8	6.0	17.5	7.3	6.0	25.9	7.3	6.0	25.9	103.7
ACRES HAY	833	1,000	1,762	0	595	238	0	762	238	0	1,524	238	3,595
LBS	10,238	47,905	157,381	0	9,524	714	0	43,857	4,048	0	154,524	2,857	215,524
LBS/ACRE	12	48	89	0	16	3	0	58	17	0	101	12	60
ACRE TRTD/CNTY	0.1	0.1	0.2	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.5
LBS/ACRE CNTY	1.3	6.1	19.9	0.0	1.2	0.1	0.0	5.5	0.5	0.0	19.5	0.4	27.3
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	224,379	142,875	155,664	60,650	80,377	83,352	30,728	54,669	57,477	29,728	66,916	59,020	522,918
LBS	13,826,342	7,623,702	10,987,614	4,547,597	4,244,924	5,033,821	1,631,238	2,883,653	3,108,811	1,742,867	4,973,356	4,271,391	32,437,658
LBS/ACRE	62	53	71	75	53	60	53	53	54	59	74	72	62
ACRE TRTD/CNTY	1.0	0.7	0.7	0.3	0.4	0.4	0.1	0.3	0.3	0.1	0.3	0.3	2.4
LBS/ACRE CNTY	63.7	35.1	50.6	20.9	19.6	23.2	7.5	13.3	14.3	8.0	22.9	19.7	149.4

(TABLE 83) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND METHOD OF APPLICATION USED IN MERCER COUNTY - 1986

** FERTILIZER BY METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
MERCER	107	107	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********			68,585.7	7.0	86,531.3	6.4	28,641.8	6.7	4,606.4	9.4	23,855.6	9.0	0.0	0.0	212,220.7

** METH APP **	NITROGEN	P2O5	K2O	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	120,186	80,386	82,686	63,286	29,171	27,729	49,571	15,786	15,029	44,571	18,700	19,414	283,257
LBS	8,303,579	4,540,969	5,251,237	2,962,210	2,766,086	2,575,283	3,035,643	706,443	798,883	1,785,357	1,758,157	1,707,723	18,095,784
LBS/ACRE	69	57	64	47	95	93	61	45	53	40	94	88	64
ACRE TRTD/CNTY	1.8	1.2	1.2	0.9	0.4	0.4	0.7	0.2	0.2	0.6	0.3	0.3	4.1
LBS/ACRE CNTY	121.1	66.2	76.6	43.2	40.3	37.5	44.3	10.3	11.6	26.0	25.6	24.9	263.8
ACRES SOYBEANS	22,547	47,703	50,609	7,063	10,625	4,859	8,703	17,094	21,906	8,703	17,094	24,813	120,859
LBS	366,934	1,776,047	3,180,562	64,406	95,825	206,703	286,328	524,062	965,656	356,547	695,812	2,128,203	5,323,543
LBS/ACRE	16	37	63	9	9	43	33	31	44	41	41	86	44
ACRE TRTD/CNTY	0.3	0.6	0.6	0.1	0.1	0.1	0.1	0.2	0.3	0.1	0.2	0.3	1.4
LBS/ACRE CNTY	4.2	20.5	36.8	0.7	1.1	2.4	3.3	6.1	11.2	4.1	8.0	24.6	61.5
ACRES WHEAT	37,134	24,358	24,597	1,299	21,851	13,985	1,075	10,060	13,224	1,075	10,060	13,463	86,090
LBS	1,757,755	1,254,858	1,484,037	63,493	1,071,079	623,184	52,209	481,246	721,403	73,015	515,724	895,299	4,496,651
LBS/ACRE	47	52	60	49	49	45	49	48	55	68	51	67	52
ACRE TRTD/CNTY	1.3	0.9	0.9	0.0	0.8	0.5	0.0	0.4	0.5	0.0	0.4	0.5	3.0
LBS/ACRE CNTY	61.4	43.8	51.8	2.2	37.4	21.8	1.8	16.8	25.2	2.5	18.0	31.3	157.0
ACRES OATS	4,351	4,351	4,351	0	2,043	2,309	0	2,043	2,309	0	2,043	2,309	13,053
LBS	154,862	204,989	199,245	0	70,585	84,277	0	101,021	103,968	0	101,021	98,223	559,096
LBS/ACRE	36	47	46	0	35	37	0	50	45	0	50	43	43
ACRE TRTD/CNTY	0.9	0.9	0.9	0.0	0.4	0.5	0.0	0.4	0.5	0.0	0.4	0.5	2.8
LBS/ACRE CNTY	33.6	44.5	43.3	0.0	15.3	18.3	0.0	21.9	22.6	0.0	21.9	21.3	121.4
ACRES HAY	3,122	22,133	23,467	0	3,122	0	0	20,422	1,711	0	21,756	1,711	48,722
LBS	62,844	1,050,667	3,087,922	0	62,844	0	0	971,956	78,711	0	2,882,589	205,333	4,201,433
LBS/ACRE	20	48	132	0	20	0	0	48	46	0	133	120	86
ACRE TRTD/CNTY	0.1	0.9	1.0	0.0	0.1	0.0	0.0	0.9	0.1	0.0	0.9	0.1	2.0
LBS/ACRE CNTY	2.6	44.0	129.4	0.0	2.6	0.0	0.0	40.7	3.3	0.0	120.8	8.6	176.1
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	187,340	178,931	185,710	71,647	66,812	48,882	59,349	65,404	54,178	54,349	69,652	61,709	551,982
LBS	10,645,974	8,827,530	13,203,004	3,090,109	4,066,419	3,489,446	3,374,180	2,784,728	2,668,621	2,214,919	5,953,304	5,034,781	32,676,508
LBS/ACRE	57	49	71	43	61	71	57	43	49	41	86	82	59
ACRE TRTD/CNTY	0.9	0.8	0.9	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	2.6
LBS/ACRE CNTY	50.2	41.6	62.2	14.6	19.2	16.4	15.9	13.1	12.6	10.4	28.1	23.7	154.0

(TABLE 84) ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND METHOD OF APPLICATION USED IN MARION COUNTY - 1986

** FERTILIZER BY METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR COUNTY FROM SURVEY ACRES AND RATES

COUNTY NAME	CNTY	VCNTY	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
MARION	101	101	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********			68,530.6	4.9	92,061.2	4.9	27,242.4	3.3	1,196.9	12.7	6,181.8	3.3	0.0	0.0	195,212.9

** METH APP **	NITROGEN	P2O5	K2O	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	133,857	90,163	90,163	97,184	13,796	14,714	69,735	6,816	5,449	69,735	6,816	5,449	314,184
LBS	9,603,102	4,145,265	3,760,837	5,523,510	1,058,367	1,551,837	2,793,225	345,306	451,633	1,459,000	639,184	642,245	17,509,204
LBS/ACRE	72	46	42	57	77	106	40	51	83	21	94	118	56
ACRE TRTD/CNTY	2.0	1.3	1.3	1.4	0.2	0.2	1.0	0.1	0.1	1.0	0.1	0.1	4.6
LBS/ACRE CNTY	140.1	60.5	54.9	80.6	15.4	22.6	40.8	5.0	6.6	21.3	9.3	9.4	255.5
ACRES SOYBEANS	4,102	10,163	27,918	2,714	1,184	204	2,714	1,184	6,265	2,714	18,939	6,265	42,184
LBS	74,388	541,633	2,496,694	46,143	22,122	6,122	179,143	87,347	275,143	179,143	1,829,592	487,959	3,112,714
LBS/ACRE	18	53	89	17	19	30	66	74	44	66	97	78	74
ACRE TRTD/CNTY	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.1	0.5
LBS/ACRE CNTY	0.8	5.9	27.1	0.5	0.2	0.1	1.9	0.9	3.0	1.9	19.9	5.3	33.8
ACRES WHEAT	26,061	19,849	19,849	2,273	15,727	8,061	2,273	9,515	8,061	2,273	9,515	8,061	65,758
LBS	1,062,758	1,052,546	1,157,636	147,727	645,485	269,546	75,000	496,788	480,758	75,000	525,273	557,364	3,272,939
LBS/ACRE	41	53	58	65	41	33	33	52	60	33	55	69	50
ACRE TRTD/CNTY	1.0	0.7	0.7	0.1	0.6	0.3	0.1	0.3	0.3	0.1	0.3	0.3	2.4
LBS/ACRE CNTY	39.0	38.6	42.5	5.4	23.7	9.9	2.8	18.2	17.6	2.8	19.3	20.5	120.1
ACRES OATS	913	913	913	189	480	244	189	480	244	189	480	244	2,740
LBS	28,126	53,110	57,047	2,457	11,756	13,913	9,260	29,937	13,913	9,260	33,874	13,913	138,284
LBS/ACRE	31	58	63	13	25	57	49	62	57	49	71	57	51
ACRE TRTD/CNTY	0.8	0.8	0.8	0.2	0.4	0.2	0.2	0.4	0.2	0.2	0.4	0.2	2.3
LBS/ACRE CNTY	23.5	44.4	47.7	2.1	9.8	11.6	7.7	25.0	11.6	7.7	28.3	11.6	115.5
ACRES HAY	0	1,030	1,030	0	0	0	0	1,030	0	0	1,030	0	2,061
LBS	0	57,758	159,273	0	0	0	0	57,758	0	0	159,273	0	217,030
LBS/ACRE	0	56	155	0	0	0	0	56	0	0	155	0	105
ACRE TRTD/CNTY	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.2	0.0	0.3
LBS/ACRE CNTY	0.0	9.3	25.8	0.0	0.0	0.0	0.0	9.3	0.0	0.0	25.8	0.0	35.1
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE CNTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	164,933	122,119	139,874	102,360	31,187	23,223	74,911	19,026	20,019	74,911	36,781	20,019	426,926
LBS	10,768,373	5,850,311	7,631,487	5,719,837	1,737,731	1,841,418	3,056,627	1,017,136	1,221,447	1,722,403	3,187,195	1,701,481	24,250,172
LBS/ACRE	65	48	55	56	56	79	41	54	61	23	87	85	57
ACRE TRTD/CNTY	0.8	0.6	0.7	0.5	0.2	0.1	0.4	0.1	0.1	0.4	0.2	0.1	2.2
LBS/ACRE CNTY	55.2	30.0	39.1	29.3	8.9	9.4	15.7	5.2	6.3	8.8	16.3	8.7	124.2

(TABLE 85) SUMMATION OF THE COUNTY TOTALS FOR ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF SPECIFIC FERTILIZER AND METHOD OF APPLICATION USED IN THE LAKE ERIE BASIN OF OHIO

LAKE ERIE DRAINAGE AREA OF OHIO - 1986

** FERTILIZER BY METHOD OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR BASIN FROM SURVEY ACRES AND RATES

	CORN ACRES	SOYBEAN ACRES	WHEAT ACRES	OATS ACRES	HAY ACRES	OTHER CROP ACRES	TOTAL CROP ACRES
**********	1,540,871.1	2,002,451.9	609,537.9	83,310.8	399,502.7	27,248.5	4,662,922.9

** METH APP **	NITROGEN	P2O5	K2O	N BAND	N BROADCAST	N INCORP	P BAND	P BROADCAST	P INCORP	K BAND	K BROADCAST	K INCORP	TOTAL CROP
ACRES CORN	2,976,664	1,738,125	1,849,205	1,354,682	628,464	970,191	878,775	338,712	504,655	715,933	560,055	557,234	6,563,995
LBS	231,411,614	106,118,447	152,100,439	90,090,303	49,637,338	88,222,071	52,228,149	21,548,353	31,638,682	32,294,913	64,991,884	52,845,225	489,630,500
LBS/ACRE	78	61	82	67	79	91	59	64	63	45	116	95	75
ACRE TRTD/AREA	1.9	1.1	1.2	0.9	0.4	0.6	0.6	0.2	0.3	0.5	0.4	0.4	4.3
LBS/ACRE AREA	150.2	68.9	98.7	58.5	32.2	57.3	33.9	14.0	20.5	21.0	42.2	34.3	317.8
ACRES SOYBEANS	340,239	651,439	914,874	119,900	132,720	84,472	146,620	228,157	272,866	163,701	396,469	349,490	1,906,552
LBS	4,757,772	26,021,446	71,034,301	1,179,795	2,138,163	1,407,750	4,881,240	9,348,716	11,647,658	7,158,744	36,105,309	27,198,928	101,813,519
LBS/ACRE	14	40	78	10	16	17	33	41	43	44	91	78	53
ACRE TRTD/AREA	0.2	0.3	0.5	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.2	0.2	1.0
LBS/ACRE AREA	2.4	13.0	35.5	0.6	1.1	0.7	2.4	4.7	5.8	3.6	18.0	13.6	50.8
ACRES WHEAT	919,885	573,143	574,997	39,103	579,737	291,292	19,021	274,181	276,269	19,021	273,362	278,943	2,068,025
LBS	40,802,971	33,156,257	38,240,325	2,143,593	27,415,387	10,789,009	872,361	16,065,488	16,023,336	845,108	17,439,521	19,733,728	112,199,553
LBS/ACRE	44	58	67	55	47	37	46	59	58	44	64	71	54
ACRE TRTD/AREA	1.5	0.9	0.9	0.1	1.0	0.5	0.0	0.4	0.5	0.0	0.4	0.5	3.4
LBS/ACRE AREA	66.9	54.4	62.7	3.5	45.0	17.7	1.4	26.4	26.3	1.4	28.6	32.4	184.1
ACRES OATS	71,048	69,622	69,453	4,822	27,950	38,275	4,822	26,525	38,275	4,822	26,356	38,275	210,123
LBS	2,572,607	3,578,608	3,622,591	140,124	937,425	1,495,058	285,548	1,327,826	1,965,235	264,099	1,361,951	1,996,541	9,773,806
LBS/ACRE	36	51	52	29	34	39	59	50	51	55	52	52	47
ACRE TRTD/AREA	0.9	0.8	0.8	0.1	0.3	0.5	0.1	0.3	0.5	0.1	0.3	0.5	2.5
LBS/ACRE AREA	30.9	43.0	43.5	1.7	11.3	17.9	3.4	15.9	23.6	3.2	16.3	24.0	117.3
ACRES HAY	81,484	201,555	251,872	609	75,011	5,864	1,366	186,736	13,453	609	235,862	15,401	534,910
LBS	1,872,768	10,173,089	27,188,037	15,000	1,621,782	235,986	118,000	9,340,599	714,490	42,000	25,407,091	1,738,946	39,233,894
LBS/ACRE	23	51	108	25	22	40	86	50	53	69	108	113	73
ACRE TRTD/AREA	0.2	0.5	0.6	0.0	0.2	0.0	0.0	0.5	0.0	0.0	0.6	0.0	1.3
LBS/ACRE AREA	4.7	25.5	68.1	0.0	4.1	0.6	0.3	23.4	1.8	0.1	63.6	4.4	98.2
ACRES OTHER CP	36,063	23,527	24,769	7,875	10,970	16,426	5,928	3,921	12,885	2,250	3,363	18,363	84,359
LBS	1,897,994	1,893,442	4,586,039	293,720	684,720	862,470	225,567	289,747	1,298,844	108,194	557,354	3,877,678	8,377,475
LBS/ACRE	53	81	185	37	62	53	38	74	101	48	166	211	99
ACRE TRTD/AREA	1.3	0.9	0.9	0.3	0.4	0.6	0.2	0.1	0.5	0.1	0.1	0.7	3.1
LBS/ACRE AREA	69.7	69.5	168.3	10.8	25.1	31.7	8.3	10.6	47.7	4.0	20.5	142.3	307.4
ACRES CROPS	4,425,383	3,257,411	3,685,170	1,526,991	1,454,851	1,406,520	1,056,533	1,058,232	1,118,404	906,337	1,495,466	1,257,706	11,367,964
LBS	283,315,725	180,941,290	296,771,733	93,862,534	82,434,814	103,012,343	58,610,865	57,920,729	63,288,245	40,713,058	145,863,109	107,391,047	761,028,748
LBS/ACRE	64	56	81	62	57	73	56	55	57	45	98	85	67
ACRE TRTD/AREA	0.9	0.7	0.8	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.3	0.3	2.4
LBS/ACRE AREA	60.8	38.8	63.6	20.1	17.7	22.1	12.6	12.4	13.6	8.7	31.3	23.0	163.2

APPENDIX 6

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(TABLE 86) ALL NPK FERTILIZER ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF MATERIAL BY MONTH OF APPLICATION USED IN THE LAKE ERIE BASIN OF OHIO - 1986

** ALL FERTILIZER BY MONTH OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR BASIN FROM SURVEY ACRES AND RATES

LAKE ERIE BASIN OF OHIO

	CORN ACRES	CORN FACTOR USED	SOYBEAN ACRES	SOYBEAN FACTOR USED	WHEAT ACRES	WHEAT FACTOR USED	OATS ACRES	OATS FACTOR USED	HAY ACRES	HAY FACTOR USED	OTHER CROP ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
**********	1,547,283.8	7.4	2,007,095.9	7.3	608,083.3	7.2	90,185.7	7.0	107,000.0	5.9	27,225.7	32.3	4,386,874.4

** MONTH APP **	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL CROP
ACRES CORN	26,757	11,838	42,946	2,009,770	3,460,041	476,189	65,014	16,568	72,230	201,676	202,608	9,189	6,594,824
LBS	4,680,000	1,806,487	3,830,092	153,686,810	225,034,551	54,288,436	6,891,332	829,731	5,242,676	19,173,751	20,576,445	1,159,460	497,199,768
LBS/ACRE	175	153	89	77	65	114	106	50	73	95	102	126	75
ACRE TRTD/STATE	0.0	0.0	0.0	1.3	2.2	0.3	0.0	0.0	0.0	0.1	0.1	0.0	4.3
LBS/ACRE STATE	3.0	1.2	2.5	99.3	145.4	35.1	4.5	0.5	3.4	12.4	13.3	0.7	321.3
ACRES SOYBEANS	30,137	6,027	34,110	129,890	1,291,055	242,247	2,877	0	12,699	54,370	83,178	8,288	1,894,877
LBS	2,871,233	342,466	2,893,151	13,235,682	59,736,960	9,836,213	77,671	0	1,249,096	3,939,027	7,252,151	757,534	102,191,184
LBS/ACRE	95	57	85	102	46	41	27	0	98	72	87	91	54
ACRE TRTD/STATE	0.0	0.0	0.0	0.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.9
LBS/ACRE STATE	1.4	0.2	1.4	6.6	29.8	4.9	0.0	0.0	0.6	2.0	3.6	0.4	50.9
ACRES WHEAT	4,458	35,111	290,625	157,694	34,917	2,569	0	0	308,903	1,219,986	17,167	0	2,071,431
LBS	217,292	2,146,903	16,433,992	8,796,432	1,837,889	93,306	0	0	17,083,354	65,267,706	978,417	0	112,855,290
LBS/ACRE	49	61	57	56	53	36	0	0	55	54	57	0	55
ACRE TRTD/STATE	0.0	0.1	0.5	0.3	0.1	0.0	0.0	0.0	0.5	2.0	0.0	0.0	3.4
LBS/ACRE STATE	0.4	3.5	27.0	14.5	3.0	0.2	0.0	0.0	28.1	107.3	1.6	0.0	185.6
ACRES OATS	0	0	37,886	155,900	28,814	857	0	0	0	2,743	486	0	226,686
LBS	0	0	1,762,414	7,271,967	1,356,207	46,286	0	0	0	137,271	39,000	0	10,613,145
LBS/ACRE	0	0	47	47	47	54	0	0	0	50	80	0	47
ACRE TRTD/STATE	0.0	0.0	0.4	1.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
LBS/ACRE STATE	0.0	0.0	19.5	80.6	15.0	0.5	0.0	0.0	0.0	1.5	0.4	0.0	117.7
ACRES HAY	0	271	12,797	53,983	29,085	261,186	52,271	57,288	22,949	18,034	7,576	1,678	517,119
LBS	0	10,848	704,848	3,245,627	2,032,814	20,252,644	3,598,820	3,824,271	2,048,695	1,506,881	716,034	92,797	38,034,277
LBS/ACRE	0	40	55	60	70	78	69	67	89	84	95	55	74
ACRE TRTD/STATE	0.0	0.0	0.1	0.5	0.3	2.4	0.5	0.5	0.2	0.2	0.1	0.0	4.8
LBS/ACRE STATE	0.0	0.1	6.6	30.3	19.0	189.3	33.6	35.7	19.1	14.1	6.7	0.9	355.5
ACRES OTHER CP	0	12	9,043	21,564	19,525	3,805	403	269	507	5,362	1,393	0	61,884
LBS	0	619	781,635	2,584,487	1,248,700	343,355	11,867	2,938	19,418	718,824	282,353	0	5,994,196
LBS/ACRE	0	50	86	120	64	90	30	11	38	134	203	0	97
ACRE TRTD/STATE	0.0	0.0	0.3	0.8	0.7	0.1	0.0	0.0	0.0	0.2	0.1	0.0	2.3
LBS/ACRE STATE	0.0	0.0	28.7	94.9	45.9	12.6	0.4	0.1	0.7	26.4	10.4	0.0	220.2
ACRES CROPS	61,352	53,260	427,406	2,528,802	4,863,436	986,854	120,564	74,125	417,287	1,502,171	312,408	19,155	11,366,820
LBS	7,768,525	4,307,322	26,406,131	188,821,006	291,247,120	84,860,239	10,579,690	4,656,940	25,643,239	90,743,461	29,844,399	2,009,790	766,887,860
LBS/ACRE	127	81	62	75	60	86	88	63	62	60	96	105	68
ACRE TRTD/STATE	0.0	0.0	0.1	0.6	1.1	0.2	0.0	0.0	0.1	0.3	0.1	0.0	2.6
LBS/ACRE STATE	1.8	1.0	6.0	43.0	66.4	19.3	2.4	1.1	5.8	20.7	6.8	0.5	174.8

(TABLE 87) ALL NPK FERTILIZER ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF MATERIAL BY THE MONTH OF APPLICATION IN THE NORTH WEST DISTRICT - 1986

** NITROGEN FERTILIZER BY MONTH OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR DISTRICT FROM SURVEY ACRES AND RATES

DISTRICT NAME	DIST	CORN ACRES	CORN FACTOR USED	SOYBEAN ACRES	SOYBEAN FACTOR USED	WHEAT ACRES	WHEAT FACTOR USED	OATS ACRES	OATS FACTOR USED	HAY ACRES	HAY FACTOR USED	OTHER CROP ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
NORTH WEST	10													
**********		666,513.2	7.6	944,128.2	7.8	301,076.9	7.8	25,833.3	6.0	31,000.0	5.0	11,429.4	30.3	1,979,981.0

** MONTH APP **	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL CROP
ACRES CORN	9,474	3,947	9,816	812,895	1,450,079	207,368	26,908	16,132	53,763	170,645	105,421	0	2,866,447
LBS	577,895	710,526	850,316	61,093,908	93,791,195	27,147,105	3,399,626	807,896	3,827,395	15,822,224	9,595,065	0	217,623,150
LBS/ACRE	61	180	87	75	65	131	126	50	71	93	91	0	76
ACRE TRTD/DIST	0.0	0.0	0.0	1.2	2.2	0.3	0.0	0.0	0.1	0.3	0.2	0.0	4.3
LBS/ACRE DIST	0.9	1.1	1.3	91.7	140.7	40.7	5.1	1.2	5.7	23.7	14.4	0.0	326.5
ACRES SOYBEANS	2,564	5,641	9,641	33,808	548,141	81,346	2,692	0	2,564	26,526	52,128	0	765,051
LBS	125,641	320,513	824,615	4,294,051	24,041,178	3,179,177	72,692	0	311,539	2,012,295	4,449,192	0	39,630,894
LBS/ACRE	49	57	86	127	44	39	27	0	122	76	85	0	52
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.8
LBS/ACRE DIST	0.1	0.3	0.9	4.5	25.5	3.4	0.1	0.0	0.3	2.1	4.7	0.0	42.0
ACRES WHEAT	1,154	13,256	152,051	71,808	9,962	1,641	0	0	151,846	624,590	8,308	0	1,034,615
LBS	72,692	851,615	9,180,277	4,156,562	779,410	71,026	0	0	8,135,628	34,063,414	496,282	0	57,806,908
LBS/ACRE	63	64	60	58	78	43	0	0	54	55	60	0	56
ACRE TRTD/DIST	0.0	0.0	0.5	0.2	0.0	0.0	0.0	0.0	0.5	2.1	0.0	0.0	3.4
LBS/ACRE DIST	0.2	2.8	30.5	13.8	2.6	0.2	0.0	0.0	27.0	113.1	1.6	0.0	192.0
ACRES OATS	0	0	11,000	47,217	3,133	0	0	0	0	0	567	0	61,917
LBS	0	0	482,200	2,050,470	129,833	0	0	0	0	0	45,500	0	2,708,003
LBS/ACRE	0	0	44	43	41	0	0	0	0	0	80	0	44
ACRE TRTD/DIST	0.0	0.0	0.4	1.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
LBS/ACRE DIST	0.0	0.0	18.7	79.4	5.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	104.8
ACRES HAY	0	0	300	7,900	2,240	42,200	9,580	6,600	4,000	3,880	1,520	900	79,120
LBS	0	0	6,600	392,300	245,200	3,542,620	293,996	205,600	111,200	295,940	188,480	91,500	5,373,436
LBS/ACRE	0	0	22	50	110	84	31	31	28	76	124	102	68
ACRE TRTD/DIST	0.0	0.0	0.0	0.3	0.1	1.4	0.3	0.2	0.1	0.1	0.0	0.0	2.6
LBS/ACRE DIST	0.0	0.0	0.2	12.7	7.9	114.3	9.5	6.6	3.6	9.5	6.1	3.0	173.3
ACRES OTHER CP	0	0	2,317	6,383	10,376	1,103	238	228	0	4,050	1,485	0	26,179
LBS	0	0	152,389	440,306	534,759	171,233	505	228	0	584,951	300,990	0	2,185,361
LBS/ACRE	0	0	66	69	52	155	2	1	0	144	203	0	84
ACRE TRTD/DIST	0.0	0.0	0.2	0.6	0.9	0.1	0.0	0.0	0.0	0.4	0.1	0.0	2.3
LBS/ACRE DIST	0.0	0.0	13.3	38.5	46.8	15.0	0.0	0.0	0.0	51.2	26.3	0.0	191.2
ACRES CROPS	13,192	22,845	185,125	980,010	2,023,931	333,659	39,418	22,959	212,173	829,690	169,429	900	4,833,330
LBS	776,228	1,882,655	11,496,398	72,427,597	119,521,576	34,111,161	3,766,819	1,013,723	12,385,761	52,778,823	15,075,509	91,500	325,327,751
LBS/ACRE	59	82	62	74	59	102	96	44	58	64	89	102	67
ACRE TRTD/DIST	0.0	0.0	0.1	0.5	1.0	0.2	0.0	0.0	0.1	0.4	0.1	0.0	2.4
LBS/ACRE DIST	0.4	1.0	5.8	36.6	60.4	17.2	1.9	0.5	6.3	26.7	7.6	0.0	164.3

(TABLE 88) ALL NPK FERTILIZER ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF MATERIAL BY THE MONTH OF APPLICATION IN THE NORTH CENTRAL DISTRICT - 1986

** NITROGEN FERTILIZER BY MONTH OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR DISTRICT FROM SURVEY ACRES AND RATES

DISTRICT NAME	DIST	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
NORTH CENTRAL	20	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********		490,404.8	8.4	650,897.4	7.8	177,583.3	7.2	28,128.2	7.8	37,827.6	5.8	15,831.5	23.8	1,400,672.8

** MONTH APP **	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL CROP
ACRES CORN	15,000	6,857	16,226	740,917	1,058,607	142,274	9,738	0	11,798	15,000	63,869	4,524	2,084,810
LBS	3,600,000	948,571	1,473,310	58,809,773	73,694,753	15,558,012	781,810	0	892,452	1,818,012	7,340,929	764,286	165,681,906
LBS/ACRE	240	138	91	79	70	109	80	0	76	121	115	169	80
ACRE TRTD/DIST	0.0	0.0	0.0	1.5	2.2	0.3	0.0	0.0	0.0	0.0	0.1	0.0	4.3
LBS/ACRE DIST	7.3	1.9	3.0	119.9	150.3	31.7	1.6	0.0	1.8	3.7	15.0	1.6	337.8
ACRES SOYBEANS	17,949	0	22,282	71,795	433,103	97,141	0	0	7,308	15,372	23,795	2,821	691,564
LBS	2,153,846	0	1,883,077	6,863,575	20,929,759	4,237,105	0	0	672,308	1,106,564	2,220,769	157,949	40,224,951
LBS/ACRE	120	0	85	96	48	44	0	0	92	72	93	56	58
ACRE TRTD/DIST	0.0	0.0	0.0	0.1	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
LBS/ACRE DIST	3.3	0.0	2.9	10.5	32.2	6.5	0.0	0.0	1.0	1.7	3.4	0.2	61.8
ACRES WHEAT	0	14,861	85,264	55,236	12,125	792	0	0	94,708	351,014	5,667	0	619,667
LBS	0	921,486	4,506,486	2,892,576	539,639	16,361	0	0	5,733,278	18,476,583	293,278	0	33,379,687
LBS/ACRE	0	62	53	52	45	21	0	0	61	53	52	0	54
ACRE TRTD/DIST	0.0	0.1	0.5	0.3	0.1	0.0	0.0	0.0	0.5	2.0	0.0	0.0	3.5
LBS/ACRE DIST	0.0	5.2	25.4	16.3	3.0	0.1	0.0	0.0	32.3	104.0	1.7	0.0	188.0
ACRES OATS	0	0	10,962	47,628	2,539	0	0	0	0	1,269	0	0	62,397
LBS	0	0	556,692	2,357,289	125,513	0	0	0	0	55,231	0	0	3,094,724
LBS/ACRE	0	0	51	50	49	0	0	0	0	44	0	0	50
ACRE TRTD/DIST	0.0	0.0	0.4	1.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2
LBS/ACRE DIST	0.0	0.0	19.8	83.8	4.5	0.0	0.0	0.0	0.0	2.0	0.0	0.0	110.0
ACRES HAY	0	0	11,259	16,966	7,397	88,914	17,690	24,466	9,310	7,052	6,397	0	189,448
LBS	0	0	594,621	871,655	386,879	7,446,603	1,120,690	1,700,052	763,741	795,828	565,897	0	14,245,966
LBS/ACRE	0	0	53	51	52	84	63	70	82	113	89	0	75
ACRE TRTD/DIST	0.0	0.0	0.3	0.4	0.2	2.4	0.5	0.6	0.2	0.2	0.2	0.0	5.0
LBS/ACRE DIST	0.0	0.0	15.7	23.0	10.2	196.9	29.6	44.9	20.2	21.0	15.0	0.0	376.6
ACRES OTHER CP	0	0	9,311	16,371	9,792	1,992	193	25	120	345	0	0	38,148
LBS	0	0	866,214	2,283,673	828,870	154,147	13,445	1,681	6,126	19,168	0	0	4,173,325
LBS/ACRE	0	0	93	140	85	77	70	67	51	56	0	0	109
ACRE TRTD/DIST	0.0	0.0	0.6	1.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.4
LBS/ACRE DIST	0.0	0.0	54.7	144.2	52.4	9.7	0.8	0.1	0.4	1.2	0.0	0.0	263.6
ACRES CROPS	32,949	21,718	155,303	948,912	1,523,562	331,112	27,621	24,491	123,244	390,051	99,727	7,344	3,686,034
LBS	5,753,846	1,870,058	9,880,400	74,078,541	96,505,412	27,412,229	1,915,945	1,701,732	8,067,905	22,271,386	10,420,872	922,234	260,800,559
LBS/ACRE	175	86	64	78	63	83	69	70	66	57	105	126	71
ACRE TRTD/DIST	0.0	0.0	0.1	0.7	1.1	0.2	0.0	0.0	0.1	0.3	0.1	0.0	2.6
LBS/ACRE DIST	4.1	1.3	7.1	52.9	68.9	19.6	1.4	1.2	5.8	15.9	7.4	0.7	186.2

(TABLE 89) ALL NPK FERTILIZER ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF MATERIAL BY THE MONTH OF APPLICATION IN THE NORTH EAST DISTRICT - 1986

** NITROGEN FERTILIZER BY MONTH OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR DISTRICT FROM SURVEY ACRES AND RATES

DISTRICT NAME	DIST	CORN ACRES	CORN FACTOR USED	SOYBEAN ACRES	SOYBEAN FACTOR USED	WHEAT ACRES	WHEAT FACTOR USED	OATS ACRES	OATS FACTOR USED	HAY ACRES	HAY FACTOR USED	OTHER CROP ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
NORTH EAST	30	109,948.7	7.8	58,750.0	5.6	20,937.5	6.4	21,324.7	7.7	25,656.3	6.4	0.0	0.0	236,617.1
**********														

** MONTH APP **	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL CROP
ACRES CORN	0	0	0	61,244	297,744	52,833	21,897	0	0	0	0	0	433,718
LBS	0	0	0	5,040,346	19,236,079	4,286,103	2,119,949	0	0	0	0	0	30,682,477
LBS/ACRE	0	0	0	82	65	81	97	0	0	0	0	0	71
ACRE TRTD/DIST	0.0	0.0	0.0	0.6	2.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0	3.9
LBS/ACRE DIST	0.0	0.0	0.0	45.8	175.0	39.0	19.3	0.0	0.0	0.0	0.0	0.0	279.1
ACRES SOYBEANS	0	0	0	1,786	73,143	34,375	0	0	0	268	0	0	109,571
LBS	0	0	0	112,500	4,541,732	1,443,906	0	0	0	9,643	0	0	6,107,781
LBS/ACRE	0	0	0	63	62	42	0	0	0	36	0	0	56
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	1.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	1.9
LBS/ACRE DIST	0.0	0.0	0.0	1.9	77.3	24.6	0.0	0.0	0.0	0.2	0.0	0.0	104.0
ACRES WHEAT	0	0	3,922	6,063	1,172	0	0	0	18,266	35,016	0	0	64,438
LBS	0	0	190,672	439,984	50,156	0	0	0	950,750	1,821,047	0	0	3,452,609
LBS/ACRE	0	0	49	73	43	0	0	0	52	52	0	0	54
ACRE TRTD/DIST	0.0	0.0	0.2	0.3	0.1	0.0	0.0	0.0	0.9	1.7	0.0	0.0	3.1
LBS/ACRE DIST	0.0	0.0	9.1	21.0	2.4	0.0	0.0	0.0	45.4	87.0	0.0	0.0	164.9
ACRES OATS	0	0	4,247	39,000	17,558	779	0	0	0	0	0	0	61,584
LBS	0	0	206,533	1,841,065	849,851	42,078	0	0	0	0	0	0	2,939,526
LBS/ACRE	0	0	49	47	48	54	0	0	0	0	0	0	48
ACRE TRTD/DIST	0.0	0.0	0.2	1.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
LBS/ACRE DIST	0.0	0.0	9.7	86.3	39.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	137.8
ACRES HAY	0	0	1,125	16,563	5,719	80,859	18,859	23,141	141	2,125	0	844	149,375
LBS	0	0	94,500	848,125	471,203	5,056,437	1,694,072	1,575,766	3,375	112,484	0	14,063	9,870,024
LBS/ACRE	0	0	84	51	82	63	90	68	24	53	0	17	66
ACRE TRTD/DIST	0.0	0.0	0.0	0.6	0.2	3.2	0.7	0.9	0.0	0.1	0.0	0.0	5.8
LBS/ACRE DIST	0.0	0.0	3.7	33.1	18.4	197.1	66.0	61.4	0.1	4.4	0.0	0.5	384.7
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	0	0	9,294	124,654	395,336	168,847	40,757	23,141	18,406	37,409	0	844	818,686
LBS	0	0	491,704	8,282,020	25,149,021	10,828,524	3,814,021	1,575,766	954,125	1,943,174	0	14,063	53,052,418
LBS/ACRE	0	0	53	66	64	64	94	68	52	52	0	17	65
ACRE TRTD/DIST	0.0	0.0	0.0	0.5	1.7	0.7	0.2	0.1	0.1	0.2	0.0	0.0	3.5
LBS/ACRE DIST	0.0	0.0	2.1	35.0	106.3	45.8	16.1	6.7	4.0	8.2	0.0	0.1	224.2

(TABLE 90) ALL NPK FERTILIZER ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF MATERIAL BY THE MONTH OF APPLICATION IN THE WEST CENTRAL DISTRICT - 1986

** NITROGEN FERTILIZER BY MONTH OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR DISTRICT FROM SURVEY ACRES AND RATES

DISTRICT NAME	DIST	CORN ACRES	CORN FACTOR USED	SOYBEAN ACRES	SOYBEAN FACTOR USED	WHEAT ACRES	WHEAT FACTOR USED	OATS ACRES	OATS FACTOR USED	HAY ACRES	HAY FACTOR USED	OTHER CROP ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
WEST CENTRAL	40													
**********		206,076.9	5.2	255,446.4	5.6	86,442.6	6.1	10,915.5	7.1	11,397.1	6.8	0.0	0.0	570,278.5

** MONTH APP **	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL CROP
ACRES CORN	0	0	20,558	235,846	512,539	57,962	4,615	0	5,154	13,365	31,077	0	881,115
LBS	0	0	1,827,785	16,675,962	30,158,664	5,219,138	395,365	0	425,192	1,224,146	3,399,885	0	59,326,137
LBS/ACRE	0	0	89	71	59	90	86	0	83	92	109	0	67
ACRE TRTD/DIST	0.0	0.0	0.1	1.1	2.5	0.3	0.0	0.0	0.0	0.1	0.2	0.0	4.3
LBS/ACRE DIST	0.0	0.0	8.9	80.9	146.3	25.3	1.9	0.0	2.1	5.9	16.5	0.0	287.9
ACRES SOYBEANS	10,714	0	0	8,571	222,089	30,661	0	0	2,804	12,250	2,679	5,000	294,768
LBS	567,857	0	0	531,429	9,333,482	984,192	0	0	257,929	781,036	163,393	535,000	13,154,317
LBS/ACRE	53	0	0	62	42	32	0	0	92	64	61	107	45
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.2
LBS/ACRE DIST	2.2	0.0	0.0	2.1	36.5	3.9	0.0	0.0	1.0	3.1	0.6	2.1	51.5
ACRES WHEAT	1,721	6,951	36,066	21,180	12,934	0	0	0	33,344	175,230	0	0	287,426
LBS	94,672	357,443	1,831,193	1,136,095	483,115	0	0	0	1,642,844	8,951,861	0	0	14,497,223
LBS/ACRE	55	51	51	54	37	0	0	0	49	51	0	0	50
ACRE TRTD/DIST	0.0	0.1	0.4	0.2	0.1	0.0	0.0	0.0	0.4	2.0	0.0	0.0	3.3
LBS/ACRE DIST	1.1	4.1	21.2	13.1	5.6	0.0	0.0	0.0	19.0	103.6	0.0	0.0	167.7
ACRES OATS	0	0	11,409	15,592	3,930	0	0	0	0	0	0	0	30,930
LBS	0	0	494,535	677,718	167,831	0	0	0	0	0	0	0	1,340,085
LBS/ACRE	0	0	43	44	43	0	0	0	0	0	0	0	43
ACRE TRTD/DIST	0.0	0.0	1.0	1.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
LBS/ACRE DIST	0.0	0.0	45.3	62.1	15.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	122.8
ACRES HAY	0	235	221	10,971	11,897	43,382	4,735	2,206	8,897	4,779	0	0	87,324
LBS	0	9,412	10,588	985,897	810,000	3,834,529	272,941	233,824	1,041,177	305,177	0	0	7,503,544
LBS/ACRE	0	40	48	90	68	88	58	106	117	64	0	0	86
ACRE TRTD/DIST	0.0	0.0	0.0	1.0	1.0	3.8	0.4	0.2	0.8	0.4	0.0	0.0	7.7
LBS/ACRE DIST	0.0	0.8	0.9	86.5	71.1	336.4	23.9	20.5	91.4	26.8	0.0	0.0	658.4
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	12,436	7,186	68,252	292,160	763,389	132,005	9,351	2,206	50,199	205,624	33,756	5,000	1,581,563
LBS	662,529	366,854	4,164,102	20,007,101	40,953,092	10,037,860	668,307	233,824	3,367,142	11,262,219	3,563,278	535,000	95,821,306
LBS/ACRE	53	51	61	69	54	76	72	106	67	55	106	107	61
ACRE TRTD/DIST	0.0	0.0	0.1	0.5	1.3	0.2	0.0	0.0	0.1	0.4	0.1	0.0	2.8
LBS/ACRE DIST	1.2	0.6	7.3	35.1	71.8	17.6	1.2	0.4	5.9	19.7	6.2	0.9	168.0

(TABLE 91) ALL NPK FERTILIZER ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF MATERIAL BY THE MONTH OF APPLICATION IN THE CENTRAL DISTRICT - 1986

** NITROGEN FERTILIZER BY MONTH OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR DISTRICT FROM SURVEY ACRES AND RATES

DISTRICT NAME	DIST	CORN ACRES	CORN FACTOR USED	SOYBEAN ACRES	SOYBEAN FACTOR USED	WHEAT ACRES	WHEAT FACTOR USED	OATS ACRES	OATS FACTOR USED	HAY ACRES	HAY FACTOR USED	OTHER CROP ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
CENTRAL	50	68,530.6	4.9	92,061.2	4.9	27,242.4	3.3	4,470.6	3.4	4,606.1	3.3	0.0	0.0	196,910.9
**********														

** MONTH APP **	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL CROP
ACRES CORN	0	0	0	156,429	143,633	8,000	0	0	0	0	0	6,122	314,184
LBS	0	0	0	10,803,449	5,416,367	848,571	0	0	0	0	0	440,816	17,509,204
LBS/ACRE	0	0	0	69	38	106	0	0	0	0	0	72	56
ACRE TRTD/DIST	0.0	0.0	0.0	2.3	2.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	4.6
LBS/ACRE DIST	0.0	0.0	0.0	157.6	79.0	12.4	0.0	0.0	0.0	0.0	0.0	6.4	255.5
ACRES SOYBEANS	0	0	0	13,571	24,020	2,449	0	0	0	0	0	2,143	42,184
LBS	0	0	0	1,221,429	1,552,102	73,469	0	0	0	0	0	265,714	3,112,714
LBS/ACRE	0	0	0	90	65	30	0	0	0	0	0	124	74
ACRE TRTD/DIST	0.0	0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
LBS/ACRE DIST	0.0	0.0	0.0	13.3	16.9	0.8	0.0	0.0	0.0	0.0	0.0	2.9	33.8
ACRES WHEAT	3,818	0	14,394	2,909	0	0	0	0	11,364	27,818	5,455	0	65,758
LBS	127,273	0	570,091	103,182	0	0	0	0	653,485	1,497,091	321,818	0	3,272,939
LBS/ACRE	33	0	40	36	0	0	0	0	58	54	59	0	50
ACRE TRTD/DIST	0.1	0.0	0.5	0.1	0.0	0.0	0.0	0.0	0.4	1.0	0.2	0.0	2.4
LBS/ACRE DIST	4.7	0.0	20.9	3.8	0.0	0.0	0.0	0.0	24.0	55.0	11.8	0.0	120.1
ACRES OATS	0	0	0	7,500	0	0	0	0	0	2,735	0	0	10,235
LBS	0	0	0	360,618	0	0	0	0	0	155,912	0	0	516,529
LBS/ACRE	0	0	0	48	0	0	0	0	0	57	0	0	51
ACRE TRTD/DIST	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	2.3
LBS/ACRE DIST	0.0	0.0	0.0	80.7	0.0	0.0	0.0	0.0	0.0	34.9	0.0	0.0	115.5
ACRES HAY	0	0	0	0	0	546	1,515	0	0	0	0	0	2,061
LBS	0	0	0	0	0	45,818	171,212	0	0	0	0	0	217,030
LBS/ACRE	0	0	0	0	0	84	113	0	0	0	0	0	105
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.4
LBS/ACRE DIST	0.0	0.0	0.0	0.0	0.0	9.9	37.2	0.0	0.0	0.0	0.0	0.0	47.1
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	3,818	0	14,394	180,409	167,653	10,994	1,515	0	11,364	30,554	5,455	8,265	434,421
LBS	127,273	0	570,091	12,488,677	6,968,469	967,859	171,212	0	653,485	1,653,003	321,818	706,531	24,628,418
LBS/ACRE	33	0	40	69	42	88	113	0	58	54	59	86	57
ACRE TRTD/DIST	0.0	0.0	0.1	0.9	0.9	0.1	0.0	0.0	0.1	0.2	0.0	0.0	2.2
LBS/ACRE DIST	0.6	0.0	2.9	63.4	35.4	4.9	0.9	0.0	3.3	8.4	1.6	3.6	125.1

APPENDIX 7

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(TABLE 92) SUMMATION OF NITROGEN FERTILIZER ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF MATERIAL BY MONTH OF APPLICATION USED IN THE LAKE ERIE BASIN OF OHIO - 1986

** NITROGEN FERTILIZER BY MONTH OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR BASIN FROM SURVEY ACRES AND RATES

LAKE ERIE BASIN OF OHIO

	CORN ACRES	CORN FACTOR USED	SOYBEAN ACRES	SOYBEAN FACTOR USED	WHEAT ACRES	WHEAT FACTOR USED	OATS ACRES	OATS FACTOR USED	HAY ACRES	HAY FACTOR USED	OTHER CROP ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
**********	1,547,283.8	7.4	2,007,095.9	7.3	608,083.3	7.2	90,185.7	7.0	107,000.0	5.9	27,225.7	32.3	4,386,874.4

** MONTH APP **	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL CROP
ACRES CORN	3,243	0	9,649	923,730	1,501,662	408,838	61,068	4,351	13,554	30,203	29,297	0	2,985,595
LBS	58,378	0	836,687	73,982,759	99,199,380	51,234,760	6,793,737	99,514	229,649	751,892	857,770	0	234,044,525
LBS/ACRE	18	0	87	80	66	125	111	23	17	25	29	0	78
ACRE TRTD/STATE	0.0	0.0	0.0	0.6	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.9
LBS/ACRE STATE	0.0	0.0	0.5	47.8	64.1	33.1	4.4	0.1	0.1	0.5	0.6	0.0	151.3
ACRES SOYBEANS	0	3,288	4,658	5,178	241,411	56,685	959	0	2,603	5,014	7,274	0	327,069
LBS	0	197,260	65,753	102,806	3,030,814	711,460	8,630	0	78,082	159,247	89,671	0	4,443,723
LBS/ACRE	0	60	14	20	13	13	9	0	30	32	12	0	14
ACRE TRTD/STATE	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
LBS/ACRE STATE	0.0	0.1	0.0	0.1	1.5	0.4	0.0	0.0	0.0	0.1	0.0	0.0	2.2
ACRES WHEAT	2,319	32,056	234,917	125,569	17,083	1,764	0	0	98,389	406,806	5,167	0	924,069
LBS	150,208	1,994,597	13,861,867	7,459,609	881,069	59,583	0	0	2,871,778	13,452,026	127,681	0	40,858,419
LBS/ACRE	65	62	59	59	52	34	0	0	29	33	25	0	44
ACRE TRTD/STATE	0.0	0.1	0.4	0.2	0.0	0.0	0.0	0.0	0.2	0.7	0.0	0.0	1.5
LBS/ACRE STATE	0.2	3.3	22.8	12.3	1.4	0.1	0.0	0.0	4.7	22.1	0.2	0.0	67.2
ACRES OATS	0	0	12,629	52,286	10,271	286	0	0	0	914	114	0	76,500
LBS	0	0	506,757	1,906,924	299,036	5,143	0	0	0	38,386	3,429	0	2,759,674
LBS/ACRE	0	0	40	37	29	18	0	0	0	42	30	0	36
ACRE TRTD/STATE	0.0	0.0	0.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
LBS/ACRE STATE	0.0	0.0	5.6	21.1	3.3	0.1	0.0	0.0	0.0	0.4	0.0	0.0	30.6
ACRES HAY	0	0	3,949	10,746	5,949	40,339	8,983	8,559	1,492	2,102	458	559	83,136
LBS	0	0	189,051	216,610	102,390	995,525	173,112	200,288	25,034	26,186	8,237	14,644	1,951,078
LBS/ACRE	0	0	48	20	17	25	19	23	17	13	18	26	24
ACRE TRTD/STATE	0.0	0.0	0.0	0.1	0.1	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.8
LBS/ACRE STATE	0.0	0.0	1.8	2.0	1.0	9.3	1.6	1.9	0.2	0.2	0.1	0.1	18.2
ACRES OTHER CP	0	6	3,531	7,702	9,077	2,764	217	90	169	1,604	0	0	25,158
LBS	0	464	144,180	620,142	458,638	292,908	9,817	1,062	4,541	76,471	0	0	1,608,222
LBS/ACRE	0	75	41	81	51	106	45	12	27	48	0	0	64
ACRE TRTD/STATE	0.0	0.0	0.1	0.3	0.3	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.9
LBS/ACRE STATE	0.0	0.0	5.3	22.8	16.8	10.8	0.4	0.0	0.2	2.8	0.0	0.0	59.1
ACRES CROPS	5,563	35,349	269,332	1,125,211	1,785,454	510,675	71,226	13,001	116,206	446,642	42,310	559	4,421,526
LBS	208,587	2,192,322	15,604,295	84,288,850	103,971,327	53,299,379	6,985,297	300,864	3,209,083	14,504,208	1,086,788	14,644	285,665,642
LBS/ACRE	38	62	58	75	58	104	98	23	28	33	26	26	65
ACRE TRTD/STATE	0.0	0.0	0.1	0.3	0.4	0.1	0.0	0.0	0.0	0.1	0.0	0.0	1.0
LBS/ACRE STATE	0.0	0.5	3.6	19.2	23.7	12.1	1.6	0.1	0.7	3.3	0.2	0.0	65.1

(TABLE 93) NITROGEN FERTILIZER ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF MATERIAL BY THE MONTH OF APPLICATION IN THE NORTH WEST DISTRICT - 1986

** NITROGEN FERTILIZER BY MONTH OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR DISTRICT FROM SURVEY ACRES AND RATES

DISTRICT NAME	DIST	CORN ACRES	CORN FACTOR USED	SOYBEAN ACRES	SOYBEAN FACTOR USED	WHEAT ACRES	WHEAT FACTOR USED	OATS ACRES	OATS FACTOR USED	HAY ACRES	HAY FACTOR USED	OTHER CROP ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
NORTH WEST	10	666,513.2	7.6	944,128.2	7.8	301,076.9	7.8	25,833.3	6.0	31,000.0	5.0	11,429.4	30.3	1,979,981.0
**********														

** MONTH APP **	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL CROP
ACRES CORN	3,158	0	1,790	388,211	620,947	196,013	26,171	4,237	9,040	26,276	15,132	0	1,290,974
LBS	56,842	0	64,632	30,906,822	41,991,901	26,508,040	3,388,573	96,895	110,711	625,171	299,671	0	104,049,257
LBS/ACRE	18	0	36	80	68	135	130	23	12	24	20	0	81
ACRE TRTD/DIST	0.0	0.0	0.0	0.6	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.9
LBS/ACRE DIST	0.1	0.0	0.1	46.4	63.0	39.8	5.1	0.1	0.2	0.9	0.4	0.0	156.1
ACRES SOYBEANS	0	3,077	1,795	769	106,910	20,962	897	0	0	1,833	3,731	0	139,974
LBS	0	184,615	46,154	15,385	1,014,165	231,885	8,077	0	0	25,833	37,769	0	1,563,883
LBS/ACRE	0	60	26	20	10	11	9	0	0	14	10	0	11
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
LBS/ACRE DIST	0.0	0.2	0.0	0.0	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.7
ACRES WHEAT	1,154	12,769	134,308	61,282	5,680	1,385	0	0	50,244	208,551	2,769	0	478,141
LBS	72,692	833,103	8,264,521	3,687,148	362,077	52,564	0	0	1,358,071	6,927,178	72,628	0	21,629,982
LBS/ACRE	63	65	62	60	64	38	0	0	27	33	26	0	45
ACRE TRTD/DIST	0.0	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.2	0.7	0.0	0.0	1.6
LBS/ACRE DIST	0.2	2.8	27.4	12.2	1.2	0.2	0.0	0.0	4.5	23.0	0.2	0.0	71.8
ACRES OATS	0	0	3,667	16,183	1,433	0	0	0	0	0	133	0	21,417
LBS	0	0	122,633	657,250	44,833	0	0	0	0	0	4,000	0	828,717
LBS/ACRE	0	0	33	41	31	0	0	0	0	0	30	0	39
ACRE TRTD/DIST	0.0	0.0	0.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
LBS/ACRE DIST	0.0	0.0	4.7	25.4	1.7	0.0	0.0	0.0	0.0	0.0	0.2	0.0	32.1
ACRES HAY	0	0	100	2,800	40	5,120	2,660	600	200	860	0	300	12,680
LBS	0	0	2,200	34,800	360	70,360	75,520	1,800	4,800	14,400	0	9,000	213,240
LBS/ACRE	0	0	22	12	9	14	28	3	24	17	0	30	17
ACRE TRTD/DIST	0.0	0.0	0.0	0.1	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.4
LBS/ACRE DIST	0.0	0.0	0.1	1.1	0.0	2.3	2.4	0.1	0.2	0.5	0.0	0.3	6.9
ACRES OTHER CP	0	0	894	2,535	4,812	1,007	79	76	0	1,139	0	0	10,541
LBS	0	0	75,993	171,587	194,502	163,234	168	76	0	41,881	0	0	647,442
LBS/ACRE	0	0	85	68	40	162	2	1	0	37	0	0	61
ACRE TRTD/DIST	0.0	0.0	0.1	0.2	0.4	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.9
LBS/ACRE DIST	0.0	0.0	6.6	15.0	17.0	14.3	0.0	0.0	0.0	3.7	0.0	0.0	56.6
ACRES CROPS	4,312	15,846	142,553	471,780	739,822	224,486	29,808	4,913	59,483	238,660	21,765	300	1,953,727
LBS	129,534	1,017,718	8,576,133	35,472,992	43,607,838	27,026,083	3,472,338	98,771	1,473,581	7,634,464	414,069	9,000	128,932,520
LBS/ACRE	30	64	60	75	59	120	117	20	25	32	19	30	66
ACRE TRTD/DIST	0.0	0.0	0.1	0.2	0.4	0.1	0.0	0.0	0.0	0.1	0.0	0.0	1.0
LBS/ACRE DIST	0.1	0.5	4.3	17.9	22.0	13.6	1.8	0.0	0.7	3.9	0.2	0.0	65.1

(TABLE 94) NITROGEN FERTILIZER ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF MATERIAL BY THE MONTH OF APPLICATION IN THE NORTH CENTRAL DISTRICT - 1986

** NITROGEN FERTILIZER BY MONTH OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR DISTRICT FROM SURVEY ACRES AND RATES

DISTRICT NAME	DIST	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
NORTH CENTRAL	20	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********		490,404.8	8.4	650,897.4	7.8	177,583.3	7.2	28,128.2	7.8	37,827.6	5.8	15,831.5	23.8	1,400,672.8

** MONTH APP **	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL CROP
ACRES CORN	0	0	4,262	319,810	492,441	125,726	9,333	0	3,762	1,762	10,333	0	967,429
LBS	0	0	311,643	25,069,806	35,141,847	15,083,274	757,524	0	102,143	45,321	457,738	0	76,969,296
LBS/ACRE	0	0	73	78	71	120	81	0	27	26	44	0	80
ACRE TRTD/DIST	0.0	0.0	0.0	0.7	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	2.0
LBS/ACRE DIST	0.0	0.0	0.6	51.1	71.7	30.8	1.5	0.0	0.2	0.1	0.9	0.0	157.0
ACRES SOYBEANS	0	0	2,564	2,026	69,141	18,167	0	0	2,436	2,795	3,077	0	100,205
LBS	0	0	15,385	25,446	944,521	252,436	0	0	73,077	122,436	46,154	0	1,479,454
LBS/ACRE	0	0	6	13	14	14	0	0	30	44	15	0	15
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
LBS/ACRE DIST	0.0	0.0	0.0	0.0	1.5	0.4	0.0	0.0	0.1	0.2	0.1	0.0	2.3
ACRES WHEAT	0	12,583	59,194	42,708	5,236	264	0	0	27,931	115,708	1,333	0	264,958
LBS	0	795,486	3,261,014	2,557,729	276,986	2,639	0	0	871,306	3,517,097	31,500	0	11,313,757
LBS/ACRE	0	63	55	60	53	10	0	0	31	30	24	0	43
ACRE TRTD/DIST	0.0	0.1	0.3	0.2	0.0	0.0	0.0	0.0	0.2	0.7	0.0	0.0	1.5
LBS/ACRE DIST	0.0	4.5	18.4	14.4	1.6	0.0	0.0	0.0	4.9	19.8	0.2	0.0	63.7
ACRES OATS	0	0	3,654	15,821	846	0	0	0	0	423	0	0	20,744
LBS	0	0	195,897	607,994	28,487	0	0	0	0	11,795	0	0	844,173
LBS/ACRE	0	0	54	38	34	0	0	0	0	28	0	0	41
ACRE TRTD/DIST	0.0	0.0	0.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
LBS/ACRE DIST	0.0	0.0	7.0	21.6	1.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	30.0
ACRES HAY	0	0	3,707	4,759	2,293	13,966	3,828	3,069	1,293	0	466	0	33,379
LBS	0	0	182,966	92,000	28,862	399,517	44,552	53,500	20,086	0	8,379	0	829,862
LBS/ACRE	0	0	49	19	13	29	12	17	16	0	18	0	25
ACRE TRTD/DIST	0.0	0.0	0.1	0.1	0.1	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.9
LBS/ACRE DIST	0.0	0.0	4.8	2.4	0.8	10.6	1.2	1.4	0.5	0.0	0.2	0.0	21.9
ACRES OTHER CP	0	0	3,649	5,552	5,122	1,622	177	8	40	135	0	0	16,304
LBS	0	0	98,735	409,959	342,189	133,445	12,437	672	681	3,924	0	0	1,002,043
LBS/ACRE	0	0	27	74	67	82	71	80	17	29	0	0	62
ACRE TRTD/DIST	0.0	0.0	0.2	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.0
LBS/ACRE DIST	0.0	0.0	6.2	25.9	21.6	8.4	0.8	0.0	0.0	0.2	0.0	0.0	63.3
ACRES CROPS	0	12,583	77,030	390,675	575,079	159,744	13,337	3,077	35,461	120,823	15,209	0	1,403,019
LBS	0	795,486	4,065,640	28,762,934	36,762,892	15,871,311	814,513	54,172	1,067,292	3,700,574	543,771	0	92,438,585
LBS/ACRE	0	63	53	74	64	99	61	18	30	31	36	0	66
ACRE TRTD/DIST	0.0	0.0	0.1	0.3	0.4	0.1	0.0	0.0	0.0	0.1	0.0	0.0	1.0
LBS/ACRE DIST	0.0	0.6	2.9	20.5	26.2	11.3	0.6	0.0	0.8	2.6	0.4	0.0	66.0

(TABLE 95) NITROGEN FERTILIZER ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF MATERIAL BY THE MONTH OF APPLICATION IN THE NORTH EAST DISTRICT - 1986

** NITROGEN FERTILIZER BY MONTH OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR DISTRICT FROM SURVEY ACRES AND RATES

DISTRICT NAME	DIST	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
NORTH EAST	30	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********		109,948.7	7.8	58,750.0	5.6	20,937.5	6.4	21,324.7	7.7	25,656.3	6.4	0.0	0.0	236,617.1

** MONTH APP **	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL CROP
ACRES CORN	0	0	0	29,103	108,359	29,128	19,308	0	0	0	0	0	185,897
LBS	0	0	0	2,502,949	5,709,555	3,063,167	2,064,282	0	0	0	0	0	13,339,953
LBS/ACRE	0	0	0	86	53	105	107	0	0	0	0	0	72
ACRE TRTD/DIST	0.0	0.0	0.0	0.3	1.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	1.7
LBS/ACRE DIST	0.0	0.0	0.0	22.8	51.9	27.9	18.8	0.0	0.0	0.0	0.0	0.0	121.3
ACRES SOYBEANS	0	0	0	0	16,750	10,089	0	0	0	89	0	0	26,929
LBS	0	0	0	0	396,786	185,406	0	0	0	1,071	0	0	583,263
LBS/ACRE	0	0	0	0	24	18	0	0	0	12	0	0	22
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.5
LBS/ACRE DIST	0.0	0.0	0.0	0.0	6.8	3.2	0.0	0.0	0.0	0.0	0.0	0.0	9.9
ACRES WHEAT	0	0	3,922	2,875	578	0	0	0	5,828	11,672	0	0	24,875
LBS	0	0	190,672	153,984	18,781	0	0	0	161,234	520,797	0	0	1,045,469
LBS/ACRE	0	0	49	54	33	0	0	0	28	45	0	0	42
ACRE TRTD/DIST	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.3	0.6	0.0	0.0	1.2
LBS/ACRE DIST	0.0	0.0	9.1	7.4	0.9	0.0	0.0	0.0	7.7	24.9	0.0	0.0	49.9
ACRES OATS	0	0	1,416	13,000	6,156	260	0	0	0	0	0	0	20,831
LBS	0	0	47,416	407,730	190,448	4,675	0	0	0	0	0	0	650,269
LBS/ACRE	0	0	34	31	31	18	0	0	0	0	0	0	31
ACRE TRTD/DIST	0.0	0.0	0.1	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
LBS/ACRE DIST	0.0	0.0	2.2	19.1	8.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	30.5
ACRES HAY	0	0	125	2,969	1,500	17,672	2,734	4,641	47	594	0	281	30,563
LBS	0	0	3,000	75,500	34,203	443,437	60,213	134,750	1,125	7,516	0	6,469	766,212
LBS/ACRE	0	0	24	25	23	25	22	29	24	13	0	23	25
ACRE TRTD/DIST	0.0	0.0	0.0	0.1	0.1	0.7	0.1	0.2	0.0	0.0	0.0	0.0	1.2
LBS/ACRE DIST	0.0	0.0	0.1	2.9	1.3	17.3	2.3	5.3	0.0	0.3	0.0	0.3	29.9
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	0	0	5,463	47,946	133,343	57,149	22,042	4,641	5,875	12,355	0	281	289,095
LBS	0	0	241,088	3,140,163	6,349,773	3,696,686	2,124,495	134,750	162,359	529,384	0	6,469	16,385,166
LBS/ACRE	0	0	44	66	48	65	96	29	28	43	0	23	57
ACRE TRTD/DIST	0.0	0.0	0.0	0.2	0.6	0.2	0.1	0.0	0.0	0.1	0.0	0.0	1.2
LBS/ACRE DIST	0.0	0.0	1.0	13.3	26.8	15.6	9.0	0.6	0.7	2.2	0.0	0.0	69.2

(TABLE 96) NITROGEN FERTILIZER ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF MATERIAL BY THE MONTH OF APPLICATION IN THE WEST CENTRAL DISTRICT - 1986

** NITROGEN FERTILIZER BY MONTH OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR DISTRICT FROM SURVEY ACRES AND RATES

DISTRICT NAME	DIST	CORN FACTOR ACRES	CORN FACTOR USED	SOYBEAN FACTOR ACRES	SOYBEAN FACTOR USED	WHEAT FACTOR ACRES	WHEAT FACTOR USED	OATS FACTOR ACRES	OATS FACTOR USED	HAY FACTOR ACRES	HAY FACTOR USED	OTHER CROP FACTOR ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
WEST CENTRAL	40	206,076.9	5.2	255,446.4	5.6	86,442.6	6.1	10,915.5	7.1	11,397.1	6.8	0.0	0.0	570,278.5
**********														

** MONTH APP **	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL CROP
ACRES CORN	0	0	4,231	118,673	221,039	41,000	4,615	0	0	1,731	2,885	0	394,173
LBS	0	0	592,785	9,253,039	12,820,984	4,408,831	395,365	0	0	83,077	43,269	0	27,597,349
LBS/ACRE	0	0	140	78	58	108	86	0	0	48	15	0	70
ACRE TRTD/DIST	0.0	0.0	0.0	0.6	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.9
LBS/ACRE DIST	0.0	0.0	2.9	44.9	62.2	21.4	1.9	0.0	0.0	0.4	0.2	0.0	133.9
ACRES SOYBEANS	0	0	0	2,857	49,143	9,304	0	0	0	0	0	0	61,304
LBS	0	0	0	77,143	760,839	67,443	0	0	0	0	0	0	905,425
LBS/ACRE	0	0	0	27	16	7	0	0	0	0	0	0	15
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
LBS/ACRE DIST	0.0	0.0	0.0	0.3	3.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	3.5
ACRES WHEAT	574	6,656	27,541	15,082	6,115	0	0	0	10,754	59,656	0	0	126,377
LBS	43,033	350,066	1,550,210	855,800	230,328	0	0	0	348,205	2,164,918	0	0	5,542,559
LBS/ACRE	75	53	56	57	38	0	0	0	32	36	0	0	44
ACRE TRTD/DIST	0.0	0.1	0.3	0.2	0.1	0.0	0.0	0.0	0.1	0.7	0.0	0.0	1.5
LBS/ACRE DIST	0.5	4.0	17.9	9.9	2.7	0.0	0.0	0.0	4.0	25.0	0.0	0.0	64.1
ACRES OATS	0	0	3,803	5,197	1,310	0	0	0	0	0	0	0	10,310
LBS	0	0	129,352	189,099	19,099	0	0	0	0	0	0	0	337,549
LBS/ACRE	0	0	34	36	15	0	0	0	0	0	0	0	33
ACRE TRTD/DIST	0.0	0.0	0.3	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
LBS/ACRE DIST	0.0	0.0	11.9	17.3	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.9
ACRES HAY	0	0	74	412	1,765	2,691	0	0	0	632	0	0	5,574
LBS	0	0	3,529	12,824	31,765	53,912	0	0	0	5,059	0	0	107,088
LBS/ACRE	0	0	48	31	18	20	0	0	0	8	0	0	19
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.5
LBS/ACRE DIST	0.0	0.0	0.3	1.1	2.8	4.7	0.0	0.0	0.0	0.4	0.0	0.0	9.4
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	574	6,656	35,648	142,221	279,371	52,995	4,615	0	10,754	62,019	2,885	0	597,737
LBS	43,033	350,066	2,275,876	10,387,903	13,863,014	4,530,185	395,365	0	348,205	2,253,054	43,269	0	34,489,971
LBS/ACRE	75	53	64	73	50	86	86	0	32	36	15	0	58
ACRE TRTD/DIST	0.0	0.0	0.1	0.2	0.5	0.1	0.0	0.0	0.0	0.1	0.0	0.0	1.0
LBS/ACRE DIST	0.1	0.6	4.0	18.2	24.3	7.9	0.7	0.0	0.6	4.0	0.1	0.0	60.5

(TABLE 97) NITROGEN FERTILIZER ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF MATERIAL BY THE MONTH OF APPLICATION IN THE CENTRAL DISTRICT - 1986

** NITROGEN FERTILIZER BY MONTH OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR DISTRICT FROM SURVEY ACRES AND RATES

DISTRICT NAME	DIST	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
CENTRAL	50	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********		68,530.6	4.9	92,061.2	4.9	27,242.4	3.3	4,470.6	3.4	4,606.1	3.3	0.0	0.0	196,910.9

** MONTH APP **	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL CROP
ACRES CORN	0	0	0	72,388	53,469	8,000	0	0	0	0	0	0	133,857
LBS	0	0	0	7,011,306	1,743,225	848,571	0	0	0	0	0	0	9,603,102
LBS/ACRE	0	0	0	97	33	106	0	0	0	0	0	0	72
ACRE TRTD/DIST	0.0	0.0	0.0	1.1	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.0
LBS/ACRE DIST	0.0	0.0	0.0	102.3	25.4	12.4	0.0	0.0	0.0	0.0	0.0	0.0	140.1
ACRES SOYBEANS	0	0	0	0	4,102	0	0	0	0	0	0	0	4,102
LBS	0	0	0	0	74,388	0	0	0	0	0	0	0	74,388
LBS/ACRE	0	0	0	0	18	0	0	0	0	0	0	0	18
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE DIST	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
ACRES WHEAT	1,273	0	7,424	2,485	0	0	0	0	3,788	9,273	1,818	0	26,061
LBS	76,364	0	359,485	99,364	0	0	0	0	198,333	291,030	38,182	0	1,062,758
LBS/ACRE	60	0	48	40	0	0	0	0	52	31	21	0	41
ACRE TRTD/DIST	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.1	0.3	0.1	0.0	1.0
LBS/ACRE DIST	2.8	0.0	13.2	3.6	0.0	0.0	0.0	0.0	7.3	10.7	1.4	0.0	39.0
ACRES OATS	0	0	0	2,500	0	0	0	0	0	912	0	0	3,412
LBS	0	0	0	53,088	0	0	0	0	0	51,971	0	0	105,059
LBS/ACRE	0	0	0	21	0	0	0	0	0	57	0	0	31
ACRE TRTD/DIST	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.8
LBS/ACRE DIST	0.0	0.0	0.0	11.9	0.0	0.0	0.0	0.0	0.0	11.6	0.0	0.0	23.5
ACRES HAY	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	1,273	0	7,424	77,373	57,571	8,000	0	0	3,788	10,185	1,818	0	167,432
LBS	76,364	0	359,485	7,163,758	1,817,612	848,571	0	0	198,333	343,001	38,182	0	10,845,306
LBS/ACRE	60	0	48	93	32	106	0	0	52	34	21	0	65
ACRE TRTD/DIST	0.0	0.0	0.0	0.4	0.3	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.9
LBS/ACRE DIST	0.4	0.0	1.8	36.4	9.2	4.3	0.0	0.0	1.0	1.7	0.2	0.0	55.1

(TABLE 98) SUMMATION OF DISTRICT TOTALS FOR NITROGEN FERTILIZER ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF MATERIAL BY MONTH OF APPLICATION IN THE LAKE ERIE BASIN OF OHIO

LAKE ERIE DRAINAGE AREA OF OHIO - 1986

** NITROGEN FERTILIZER BY MONTH OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR BASIN FROM SURVEY ACRES AND RATES

	CORN ACRES	SOYBEAN ACRES	WHEAT ACRES	OATS ACRES	HAY ACRES	OTHER CROP ACRES	TOTAL CROP ACRES
**********	1,541,474.2	2,001,283.3	613,282.8	90,672.3	110,487.0	27,260.9	4,384,460.4

** MONTH APP **	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL CROP
ACRES CORN	3,158	0	10,282	928,183	1,496,255	399,868	59,428	4,237	12,801	29,769	28,350	0	2,972,330
LBS	56,842	0	969,059	74,743,921	97,407,512	49,911,883	6,605,744	96,895	212,853	753,569	800,678	0	231,558,957
LBS/ACRE	18	0	94	81	65	125	111	23	17	25	28	0	78
ACRE TRTD/AREA	0.0	0.0	0.0	0.6	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.9
LBS/ACRE AREA	0.0	0.0	0.6	48.5	63.2	32.4	4.3	0.1	0.1	0.5	0.5	0.0	150.2
ACRES SOYBEANS	0	3,077	4,359	5,652	246,046	58,521	897	0	2,436	4,718	6,808	0	332,514
LBS	0	184,615	61,539	117,974	3,190,698	737,170	8,077	0	73,077	149,341	83,923	0	4,606,413
LBS/ACRE	0	60	14	21	13	13	9	0	30	32	12	0	14
ACRE TRTD/AREA	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
LBS/ACRE AREA	0.0	0.1	0.0	0.1	1.6	0.4	0.0	0.0	0.0	0.1	0.0	0.0	2.3
ACRES WHEAT	3,000	32,008	232,389	124,432	17,609	1,649	0	0	98,544	404,860	5,921	0	920,412
LBS	192,089	1,978,654	13,625,901	7,354,025	888,172	55,203	0	0	2,937,149	13,421,021	142,310	0	40,594,524
LBS/ACRE	64	62	59	59	50	34	0	0	30	33	24	0	44
ACRE TRTD/AREA	0.0	0.1	0.4	0.2	0.0	0.0	0.0	0.0	0.2	0.7	0.0	0.0	1.5
LBS/ACRE AREA	0.3	3.2	22.2	12.0	1.4	0.1	0.0	0.0	4.8	21.9	0.2	0.0	66.2
ACRES OATS	0	0	12,539	52,701	9,745	260	0	0	0	1,335	133	0	76,713
LBS	0	0	495,299	1,915,160	282,867	4,675	0	0	0	63,766	4,000	0	2,765,767
LBS/ACRE	0	0	40	36	29	18	0	0	0	48	30	0	36
ACRE TRTD/AREA	0.0	0.0	0.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
LBS/ACRE AREA	0.0	0.0	5.5	21.1	3.1	0.1	0.0	0.0	0.0	0.7	0.0	0.0	30.5
ACRES HAY	0	0	4,005	10,939	5,598	39,449	9,222	8,310	1,540	2,086	466	581	82,195
LBS	0	0	191,695	215,124	95,190	967,226	180,284	190,050	26,011	26,974	8,379	15,469	1,916,403
LBS/ACRE	0	0	48	20	17	25	20	23	17	13	18	27	23
ACRE TRTD/AREA	0.0	0.0	0.0	0.1	0.1	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.7
LBS/ACRE AREA	0.0	0.0	1.7	1.9	0.9	8.8	1.6	1.7	0.2	0.2	0.1	0.1	17.3
ACRES OTHER CP	0	0	4,544	8,087	9,934	2,628	256	84	40	1,273	0	0	26,846
LBS	0	0	174,729	581,546	536,691	296,680	12,605	748	681	45,806	0	0	1,649,485
LBS/ACRE	0	0	39	72	54	113	49	9	17	36	0	0	61
ACRE TRTD/AREA	0.0	0.0	0.2	0.3	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.0
LBS/ACRE AREA	0.0	0.0	6.4	21.3	19.7	10.9	0.5	0.0	0.0	1.7	0.0	0.0	60.5
ACRES CROPS	6,158	35,085	268,118	1,129,995	1,785,186	502,374	69,803	12,631	115,361	444,040	41,677	581	4,411,009
LBS	248,931	2,163,270	15,518,221	84,927,750	102,401,130	51,972,837	6,806,711	287,693	3,249,771	14,460,476	1,039,291	15,469	283,091,548
LBS/ACRE	40	62	58	75	57	104	98	23	28	33	25	27	64
ACRE TRTD/AREA	0.0	0.0	0.1	0.3	0.4	0.1	0.0	0.0	0.0	0.1	0.0	0.0	1.0
LBS/ACRE AREA	0.1	0.5	3.5	19.4	23.4	11.9	1.6	0.1	0.7	3.3	0.2	0.0	64.6

APPENDIX 8

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(TABLE 99) SUMMATION OF P2O5 FERTILIZER ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF MATERIAL BY MONTH OF APPLICATION USED IN THE LAKE ERIE BASIN OF OHIO - 1986

** P2O5 FERTILIZER BY MONTH OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR BASIN FROM SURVEY ACRES AND RATES

LAKE ERIE BASIN OF OHIO

	CORN ACRES	CORN FACTOR USED	SOYBEAN ACRES	SOYBEAN FACTOR USED	WHEAT ACRES	WHEAT FACTOR USED	OATS ACRES	OATS FACTOR USED	HAY ACRES	HAY FACTOR USED	OTHER CROP ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
**********	1,547,283.8	7.4	2,007,095.9	7.3	608,083.3	7.2	90,185.7	7.0	107,000.0	5.9	27,225.7	32.3	4,386,874.4

** MONTH APP **	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL CROP
ACRES CORN	3,243	0	11,108	535,473	1,021,770	34,946	3,176	4,351	28,338	53,027	46,338	2,027	1,743,797
LBS	145,946	0	606,703	33,346,723	63,699,134	1,334,000	73,541	194,108	1,594,987	2,881,770	2,928,026	48,649	106,853,586
LBS/ACRE	45	0	55	62	62	38	23	45	56	54	63	24	61
ACRE TRTD/STATE	0.0	0.0	0.0	0.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
LBS/ACRE STATE	0.1	0.0	0.4	21.6	41.2	0.9	0.0	0.1	1.0	1.9	1.9	0.0	69.1
ACRES SOYBEANS	4,110	1,370	6,904	27,822	480,753	90,329	959	0	2,603	16,904	15,082	1,507	648,343
LBS	189,041	63,014	241,301	1,406,822	18,220,972	3,630,244	34,521	0	208,219	756,452	710,781	42,192	25,503,559
LBS/ACRE	46	46	35	51	38	40	36	0	80	45	47	28	39
ACRE TRTD/STATE	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
LBS/ACRE STATE	0.1	0.0	0.1	0.7	9.1	1.8	0.0	0.0	0.1	0.4	0.4	0.0	12.7
ACRES WHEAT	1,069	1,403	27,667	16,083	8,917	403	0	0	104,528	406,361	6,000	0	572,431
LBS	33,542	62,417	1,196,833	671,125	479,083	16,861	0	0	6,636,347	23,791,007	478,278	0	33,365,493
LBS/ACRE	31	45	43	42	54	42	0	0	64	59	80	0	58
ACRE TRTD/STATE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.7	0.0	0.0	0.9
LBS/ACRE STATE	0.1	0.1	2.0	1.1	0.8	0.0	0.0	0.0	10.9	39.1	0.8	0.0	54.9
ACRES OATS	0	0	12,629	51,900	9,271	286	0	0	0	914	114	0	75,114
LBS	0	0	624,229	2,659,529	524,564	20,571	0	0	0	47,643	6,857	0	3,883,393
LBS/ACRE	0	0	49	51	57	72	0	0	0	52	60	0	52
ACRE TRTD/STATE	0.0	0.0	0.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
LBS/ACRE STATE	0.0	0.0	6.9	29.5	5.8	0.2	0.0	0.0	0.0	0.5	0.1	0.0	43.1
ACRES HAY	0	136	4,356	20,051	10,831	99,644	18,085	22,356	9,339	6,678	3,559	559	195,593
LBS	0	5,424	220,610	1,018,356	538,305	5,023,390	757,617	1,132,559	521,576	285,576	187,661	22,729	9,713,803
LBS/ACRE	0	40	51	51	50	50	42	51	56	43	53	41	50
ACRE TRTD/STATE	0.0	0.0	0.0	0.2	0.1	0.9	0.2	0.2	0.1	0.1	0.0	0.0	1.8
LBS/ACRE STATE	0.0	0.1	2.1	9.5	5.0	46.9	7.1	10.6	4.9	2.7	1.8	0.2	90.8
ACRES OTHER CP	0	0	1,771	7,473	5,964	521	93	90	169	1,560	0	0	17,641
LBS	0	0	105,669	737,191	415,019	23,881	901	814	7,439	152,502	0	0	1,443,415
LBS/ACRE	0	0	60	99	70	46	10	9	44	98	0	0	82
ACRE TRTD/STATE	0.0	0.0	0.1	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.6
LBS/ACRE STATE	0.0	0.0	3.9	27.1	15.2	0.9	0.0	0.0	0.3	5.6	0.0	0.0	53.0
ACRES CROPS	8,422	2,908	64,434	658,802	1,537,507	226,128	22,312	26,797	144,976	485,445	71,094	4,093	3,252,919
LBS	368,529	130,854	2,995,345	39,839,746	83,877,077	10,048,947	866,579	1,327,482	8,968,568	27,914,950	4,311,603	113,569	180,763,248
LBS/ACRE	44	45	47	61	55	44	39	50	62	58	61	28	56
ACRE TRTD/STATE	0.0	0.0	0.0	0.2	0.4	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.7
LBS/ACRE STATE	0.1	0.0	0.7	9.1	19.1	2.3	0.2	0.3	2.0	6.4	1.0	0.0	41.2

(TABLE 100) P2O5 FERTILIZER ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF MATERIAL BY THE MONTH OF APPLICATION IN THE NORTH WEST DISTRICT - 1986

** P2O5 ** FERTILIZER BY MONTH OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR DISTRICT FROM SURVEY ACRES AND RATES

DISTRICT NAME	DIST	CORN FACTOR ACRES	CORN FACTOR USED	SOYBEAN FACTOR ACRES	SOYBEAN FACTOR USED	WHEAT FACTOR ACRES	WHEAT FACTOR USED	OATS FACTOR ACRES	OATS FACTOR USED	HAY FACTOR ACRES	HAY FACTOR USED	OTHER CROP FACTOR ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
NORTH WEST	10													
**********		666,513.2	7.6	944,128.2	7.8	301,076.9	7.8	25,833.3	6.0	31,000.0	5.0	11,429.4	30.3	1,979,981.0

** MONTH APP **	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL CROP
ACRES CORN	3,158	0	1,790	218,026	434,974	6,013	368	4,237	21,671	45,553	23,500	0	759,290
LBS	142,105	0	178,316	13,552,917	26,533,558	337,250	7,368	189,000	1,176,040	2,536,658	1,171,289	0	45,824,500
LBS/ACRE	45	0	100	62	61	56	20	45	54	56	50	0	60
ACRE TRTD/DIST	0.0	0.0	0.0	0.3	0.7	0.0	0.0	0.0	0.0	0.1	0.0	0.0	1.1
LBS/ACRE DIST	0.2	0.0	0.3	20.3	39.8	0.5	0.0	0.3	1.8	3.8	1.8	0.0	68.8
ACRES SOYBEANS	0	1,282	1,795	6,205	200,628	30,449	897	0	0	7,795	9,141	0	258,192
LBS	0	58,974	52,308	329,821	7,204,356	1,336,654	32,308	0	0	315,231	379,833	0	9,709,484
LBS/ACRE	0	46	29	53	36	44	36	0	0	40	42	0	38
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
LBS/ACRE DIST	0.0	0.1	0.1	0.3	7.6	1.4	0.0	0.0	0.0	0.3	0.4	0.0	10.3
ACRES WHEAT	0	244	8,808	5,282	2,141	128	0	0	50,128	207,910	2,769	0	277,410
LBS	0	9,256	421,167	213,455	207,321	9,231	0	0	3,110,071	12,455,462	263,590	0	16,689,552
LBS/ACRE	0	38	48	40	97	72	0	0	62	60	95	0	60
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.7	0.0	0.0	0.9
LBS/ACRE DIST	0.0	0.0	1.4	0.7	0.7	0.0	0.0	0.0	10.3	41.4	0.9	0.0	55.4
ACRES OATS	0	0	3,667	15,517	850	0	0	0	0	0	133	0	20,167
LBS	0	0	175,583	692,802	44,000	0	0	0	0	0	8,000	0	920,385
LBS/ACRE	0	0	48	45	52	0	0	0	0	0	60	0	46
ACRE TRTD/DIST	0.0	0.0	0.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
LBS/ACRE DIST	0.0	0.0	6.8	26.8	1.7	0.0	0.0	0.0	0.0	0.0	0.3	0.0	35.6
ACRES HAY	0	0	100	2,200	900	15,240	3,460	3,000	1,900	1,260	760	300	29,120
LBS	0	0	2,200	112,000	44,200	649,400	105,348	60,440	47,800	74,560	45,600	22,500	1,164,048
LBS/ACRE	0	0	22	51	49	43	30	20	25	59	60	75	40
ACRE TRTD/DIST	0.0	0.0	0.0	0.1	0.0	0.5	0.1	0.1	0.1	0.0	0.0	0.0	0.9
LBS/ACRE DIST	0.0	0.0	0.1	3.6	1.4	20.9	3.4	1.9	1.5	2.4	1.5	0.7	37.5
ACRES OTHER CP	0	0	452	2,558	3,472	48	79	76	0	1,139	0	0	7,824
LBS	0	0	15,465	186,558	215,749	2,217	168	76	0	107,030	0	0	527,263
LBS/ACRE	0	0	34	73	62	46	2	1	0	94	0	0	67
ACRE TRTD/DIST	0.0	0.0	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.7
LBS/ACRE DIST	0.0	0.0	1.4	16.3	18.9	0.2	0.0	0.0	0.0	9.4	0.0	0.0	46.1
ACRES CROPS	3,158	1,526	16,611	249,788	642,965	51,878	4,805	7,313	73,699	263,656	36,304	300	1,352,003
LBS	142,105	68,231	845,039	15,087,553	34,249,183	2,334,751	145,192	249,516	4,333,910	15,488,940	1,868,312	22,500	74,835,233
LBS/ACRE	45	45	51	60	53	45	30	34	59	59	52	75	55
ACRE TRTD/DIST	0.0	0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.7
LBS/ACRE DIST	0.1	0.0	0.4	7.6	17.3	1.2	0.1	0.1	2.2	7.8	0.9	0.0	37.8

(TABLE 101) P2O5 FERTILIZER ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF MATERIAL BY THE MONTH OF APPLICATION IN THE NORTH CENTRAL DISTRICT - 1986

** P2O5 ** FERTILIZER BY MONTH OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR DISTRICT FROM SURVEY ACRES AND RATES

DISTRICT NAME	DIST	CORN ACRES	CORN FACTOR USED	SOYBEAN ACRES	SOYBEAN FACTOR USED	WHEAT ACRES	WHEAT FACTOR USED	OATS ACRES	OATS FACTOR USED	HAY ACRES	HAY FACTOR USED	OTHER CROP ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
NORTH CENTRAL	20	490,404.8	8.4	650,897.4	7.8	177,583.3	7.2	28,128.2	7.8	37,827.6	5.8	15,831.5	23.8	1,400,672.8
**********														

** MONTH APP **	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL CROP
ACRES CORN	0	0	2,643	197,917	305,881	7,738	202	0	3,762	2,595	13,083	0	533,821
LBS	0	0	88,976	12,886,260	19,857,946	134,512	12,143	0	269,286	128,560	952,071	0	34,329,753
LBS/ACRE	0	0	34	65	65	17	60	0	72	50	73	0	64
ACRE TRTD/DIST	0.0	0.0	0.0	0.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
LBS/ACRE DIST	0.0	0.0	0.2	26.3	40.5	0.3	0.0	0.0	0.5	0.3	1.9	0.0	70.0
ACRES SOYBEANS	0	0	4,667	17,141	168,718	37,885	0	0	2,436	3,564	4,974	1,410	240,795
LBS	0	0	173,526	815,795	6,356,618	1,487,869	0	0	194,872	156,026	285,385	39,487	9,509,577
LBS/ACRE	0	0	37	48	38	39	0	0	80	44	57	28	40
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4
LBS/ACRE DIST	0.0	0.0	0.3	1.3	9.8	2.3	0.0	0.0	0.3	0.2	0.4	0.1	14.6
ACRES WHEAT	0	1,139	12,917	6,264	3,444	264	0	0	33,389	117,653	2,167	0	177,236
LBS	0	52,389	576,056	167,424	126,514	6,861	0	0	2,292,097	6,888,417	127,722	0	10,237,479
LBS/ACRE	0	46	45	27	37	26	0	0	69	59	59	0	58
ACRE TRTD/DIST	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.7	0.0	0.0	1.0
LBS/ACRE DIST	0.0	0.3	3.2	0.9	0.7	0.0	0.0	0.0	12.9	38.8	0.7	0.0	57.6
ACRES OATS	0	0	3,654	15,987	846	0	0	0	0	423	0	0	20,910
LBS	0	0	180,397	850,930	53,744	0	0	0	0	20,103	0	0	1,105,173
LBS/ACRE	0	0	49	53	64	0	0	0	0	48	0	0	53
ACRE TRTD/DIST	0.0	0.0	0.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
LBS/ACRE DIST	0.0	0.0	6.4	30.3	1.9	0.0	0.0	0.0	0.0	0.7	0.0	0.0	39.3
ACRES HAY	0	0	3,707	6,035	2,552	35,414	6,879	10,121	3,000	2,621	2,966	0	73,293
LBS	0	0	196,862	300,552	108,707	2,136,828	295,862	531,621	207,155	120,724	151,586	0	4,049,896
LBS/ACRE	0	0	53	50	43	60	43	53	69	46	51	0	55
ACRE TRTD/DIST	0.0	0.0	0.1	0.2	0.1	0.9	0.2	0.3	0.1	0.1	0.1	0.0	1.9
LBS/ACRE DIST	0.0	0.0	5.2	7.9	2.9	56.5	7.8	14.1	5.5	3.2	4.0	0.0	107.1
ACRES OTHER CP	0	0	1,824	5,338	2,314	185	8	8	40	76	0	0	9,793
LBS	0	0	123,529	537,927	207,534	9,395	336	336	2,723	2,924	0	0	884,704
LBS/ACRE	0	0	68	101	90	51	40	40	68	39	0	0	90
ACRE TRTD/DIST	0.0	0.0	0.1	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
LBS/ACRE DIST	0.0	0.0	7.8	34.0	13.1	0.6	0.0	0.0	0.2	0.2	0.0	0.0	55.9
ACRES CROPS	0	1,139	29,411	248,681	483,756	81,485	7,090	10,129	42,627	126,932	23,190	1,410	1,055,849
LBS	0	52,389	1,339,346	15,558,887	26,711,062	3,775,465	308,341	531,957	2,966,133	7,316,753	1,516,765	39,487	60,116,584
LBS/ACRE	0	46	46	63	55	46	44	53	70	58	65	28	57
ACRE TRTD/DIST	0.0	0.0	0.0	0.2	0.3	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.8
LBS/ACRE DIST	0.0	0.0	1.0	11.1	19.1	2.7	0.2	0.4	2.1	5.2	1.1	0.0	42.9

(TABLE 102) P2O5 FERTILIZER ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF MATERIAL BY THE MONTH OF APPLICATION IN THE NORTH EAST DISTRICT - 1986

** P2O5 ** FERTILIZER BY MONTH OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR DISTRICT FROM SURVEY ACRES AND RATES

DISTRICT NAME	DIST	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
NORTH EAST	30	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********		109,948.7	7.8	58,750.0	5.6	20,937.5	6.4	21,324.7	7.7	25,656.3	6.4	0.0	0.0	236,617.1

** MONTH APP **	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL CROP
ACRES CORN	0	0	0	14,885	90,372	11,769	2,436	0	0	0	0	0	119,462
LBS	0	0	0	813,180	6,076,433	583,231	49,513	0	0	0	0	0	7,522,356
LBS/ACRE	0	0	0	55	67	50	20	0	0	0	0	0	63
ACRE TRTD/DIST	0.0	0.0	0.0	0.1	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
LBS/ACRE DIST	0.0	0.0	0.0	7.4	55.3	5.3	0.5	0.0	0.0	0.0	0.0	0.0	68.4
ACRES SOYBEANS	0	0	0	893	25,196	11,518	0	0	0	89	0	0	37,696
LBS	0	0	0	41,071	1,451,804	449,125	0	0	0	4,286	0	0	1,946,286
LBS/ACRE	0	0	0	46	58	39	0	0	0	48	0	0	52
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.6
LBS/ACRE DIST	0.0	0.0	0.0	0.7	24.7	7.6	0.0	0.0	0.0	0.1	0.0	0.0	33.1
ACRES WHEAT	0	0	0	1,594	297	0	0	0	6,219	11,672	0	0	19,781
LBS	0	0	0	143,000	15,688	0	0	0	398,625	624,984	0	0	1,182,297
LBS/ACRE	0	0	0	90	53	0	0	0	64	54	0	0	60
ACRE TRTD/DIST	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.3	0.6	0.0	0.0	0.9
LBS/ACRE DIST	0.0	0.0	0.0	6.8	0.7	0.0	0.0	0.0	19.0	29.9	0.0	0.0	56.5
ACRES OATS	0	0	1,416	13,000	5,701	260	0	0	0	0	0	0	20,377
LBS	0	0	79,558	722,499	322,591	18,701	0	0	0	0	0	0	1,143,349
LBS/ACRE	0	0	56	56	57	72	0	0	0	0	0	0	56
ACRE TRTD/DIST	0.0	0.0	0.1	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
LBS/ACRE DIST	0.0	0.0	3.7	33.9	15.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	53.6
ACRES HAY	0	0	500	5,984	1,797	28,719	5,125	7,922	47	594	0	281	50,969
LBS	0	0	19,500	298,656	78,203	1,281,875	268,781	407,266	1,125	29,281	0	3,375	2,388,062
LBS/ACRE	0	0	39	50	44	45	52	51	24	49	0	12	47
ACRE TRTD/DIST	0.0	0.0	0.0	0.2	0.1	1.1	0.2	0.3	0.0	0.0	0.0	0.0	2.0
LBS/ACRE DIST	0.0	0.0	0.8	11.6	3.0	50.0	10.5	15.9	0.0	1.1	0.0	0.1	93.1
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	0	0	1,916	36,356	123,363	52,266	7,561	7,922	6,266	12,355	0	281	248,285
LBS	0	0	99,058	2,018,406	7,944,718	2,332,932	318,294	407,266	399,750	658,551	0	3,375	14,182,350
LBS/ACRE	0	0	52	56	64	45	42	51	64	53	0	12	57
ACRE TRTD/DIST	0.0	0.0	0.0	0.2	0.5	0.2	0.0	0.0	0.0	0.1	0.0	0.0	1.0
LBS/ACRE DIST	0.0	0.0	0.4	8.5	33.6	9.9	1.3	1.7	1.7	2.8	0.0	0.0	59.9

(TABLE 103) P2O5 FERTILIZER ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF MATERIAL BY THE MONTH OF APPLICATION IN THE WEST CENTRAL DISTRICT - 1986

** P2O5 ** FERTILIZER BY MONTH OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR DISTRICT FROM SURVEY ACRES AND RATES

DISTRICT NAME	DIST	CORN ACRES	CORN FACTOR USED	SOYBEAN ACRES	SOYBEAN FACTOR USED	WHEAT ACRES	WHEAT FACTOR USED	OATS ACRES	OATS FACTOR USED	HAY ACRES	HAY FACTOR USED	OTHER CROP ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
WEST CENTRAL	40	206,076.9	5.2	255,446.4	5.6	86,442.6	6.1	10,915.5	7.1	11,397.1	6.8	0.0	0.0	570,278.5
**********														

** MONTH APP **	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL CROP
ACRES CORN	0	0	8,923	61,731	146,173	10,789	0	0	2,577	4,692	10,462	0	245,346
LBS	0	0	459,039	3,724,500	8,725,506	313,346	0	0	115,962	185,885	916,962	0	14,441,198
LBS/ACRE	0	0	51	60	60	29	0	0	45	40	88	0	59
ACRE TRTD/DIST	0.0	0.0	0.0	0.3	0.7	0.1	0.0	0.0	0.0	0.0	0.1	0.0	1.2
LBS/ACRE DIST	0.0	0.0	2.2	18.1	42.3	1.5	0.0	0.0	0.6	0.9	4.4	0.0	70.1
ACRES SOYBEANS	5,357	0	0	2,857	79,232	9,982	0	0	0	6,125	0	0	103,554
LBS	246,429	0	0	197,143	2,970,250	316,857	0	0	0	325,411	0	0	4,056,089
LBS/ACRE	46	0	0	69	38	32	0	0	0	53	0	0	39
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
LBS/ACRE DIST	1.0	0.0	0.0	0.8	11.6	1.2	0.0	0.0	0.0	1.3	0.0	0.0	15.9
ACRES WHEAT	574	0	4,262	3,049	3,410	0	0	0	11,295	57,656	0	0	80,246
LBS	25,820	0	140,492	170,525	134,590	0	0	0	613,910	3,062,713	0	0	4,148,049
LBS/ACRE	45	0	33	56	40	0	0	0	54	53	0	0	52
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	0.0	0.0	0.9
LBS/ACRE DIST	0.3	0.0	1.6	2.0	1.6	0.0	0.0	0.0	7.1	35.4	0.0	0.0	48.0
ACRES OATS	0	0	3,803	5,197	1,310	0	0	0	0	0	0	0	10,310
LBS	0	0	182,592	248,113	71,099	0	0	0	0	0	0	0	501,803
LBS/ACRE	0	0	48	48	54	0	0	0	0	0	0	0	49
ACRE TRTD/DIST	0.0	0.0	0.3	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
LBS/ACRE DIST	0.0	0.0	16.7	22.7	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.0
ACRES HAY	0	118	74	5,000	4,868	17,882	2,088	1,103	4,103	2,074	0	0	37,309
LBS	0	4,706	3,529	263,779	268,235	840,853	57,647	101,471	239,647	62,427	0	0	1,842,294
LBS/ACRE	0	40	48	53	55	47	28	92	58	30	0	0	49
ACRE TRTD/DIST	0.0	0.0	0.0	0.4	0.4	1.6	0.2	0.1	0.4	0.2	0.0	0.0	3.3
LBS/ACRE DIST	0.0	0.4	0.3	23.1	23.5	73.8	5.1	8.9	21.0	5.5	0.0	0.0	161.6
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	5,931	118	17,062	77,834	234,993	38,653	2,088	1,103	17,975	70,547	10,462	0	476,764
LBS	272,248	4,706	785,651	4,604,060	12,169,680	1,471,056	57,647	101,471	969,518	3,636,435	916,962	0	24,989,433
LBS/ACRE	46	40	46	59	52	38	28	92	54	52	88	0	52
ACRE TRTD/DIST	0.0	0.0	0.0	0.1	0.4	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.8
LBS/ACRE DIST	0.5	0.0	1.4	8.1	21.3	2.6	0.1	0.2	1.7	6.4	1.6	0.0	43.8

(TABLE 104) P2O5 FERTILIZER ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF MATERIAL BY THE MONTH OF APPLICATION IN THE CENTRAL DISTRICT - 1986

** P2O5 ** FERTILIZER BY MONTH OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR DISTRICT FROM SURVEY ACRES AND RATES

DISTRICT NAME	DIST	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
CENTRAL	50	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********		68,530.6	4.9	92,061.2	4.9	27,242.4	3.3	4,470.6	3.4	4,606.1	3.3	0.0	0.0	196,910.9

** MONTH APP **	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL CROP
ACRES CORN	0	0	0	42,020	45,082	0	0	0	0	0	0	3,061	90,163
LBS	0	0	0	2,001,796	2,070,000	0	0	0	0	0	0	73,469	4,145,265
LBS/ACRE	0	0	0	48	46	0	0	0	0	0	0	24	46
ACRE TRTD/DIST	0.0	0.0	0.0	0.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
LBS/ACRE DIST	0.0	0.0	0.0	29.2	30.2	0.0	0.0	0.0	0.0	0.0	0.0	1.1	60.5
ACRES SOYBEANS	0	0	0	0	8,939	1,225	0	0	0	0	0	0	10,163
LBS	0	0	0	0	504,898	36,735	0	0	0	0	0	0	541,633
LBS/ACRE	0	0	0	0	57	30	0	0	0	0	0	0	53
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
LBS/ACRE DIST	0.0	0.0	0.0	0.0	5.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	5.9
ACRES WHEAT	1,273	0	3,485	212	0	0	0	0	3,788	9,273	1,818	0	19,849
LBS	25,455	0	99,242	1,909	0	0	0	0	219,394	564,727	141,818	0	1,052,546
LBS/ACRE	20	0	29	9	0	0	0	0	58	61	78	0	53
ACRE TRTD/DIST	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.1	0.0	0.7
LBS/ACRE DIST	0.9	0.0	3.6	0.1	0.0	0.0	0.0	0.0	8.1	20.7	5.2	0.0	38.6
ACRES OATS	0	0	0	2,500	0	0	0	0	0	912	0	0	3,412
LBS	0	0	0	146,412	0	0	0	0	0	51,971	0	0	198,382
LBS/ACRE	0	0	0	59	0	0	0	0	0	57	0	0	58
ACRE TRTD/DIST	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.8
LBS/ACRE DIST	0.0	0.0	0.0	32.8	0.0	0.0	0.0	0.0	0.0	11.6	0.0	0.0	44.4
ACRES HAY	0	0	0	0	0	273	758	0	0	0	0	0	1,030
LBS	0	0	0	0	0	22,909	34,849	0	0	0	0	0	57,758
LBS/ACRE	0	0	0	0	0	84	46	0	0	0	0	0	56
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.2
LBS/ACRE DIST	0.0	0.0	0.0	0.0	0.0	5.0	7.6	0.0	0.0	0.0	0.0	0.0	12.5
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	1,273	0	3,485	44,733	54,020	1,497	758	0	3,788	10,185	1,818	3,061	124,617
LBS	25,455	0	99,242	2,150,117	2,574,898	59,644	34,849	0	219,394	616,698	141,818	73,469	5,995,583
LBS/ACRE	20	0	29	48	48	40	46	0	58	61	78	24	48
ACRE TRTD/DIST	0.0	0.0	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.6
LBS/ACRE DIST	0.1	0.0	0.5	10.9	13.1	0.3	0.2	0.0	1.1	3.1	0.7	0.4	30.4

(TABLE 105) SUMMATION OF THE DISTRICT TOTALS FOR P2O5 FERTILIZER ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF MATERIAL BY MONTH OF APPLICATION IN THE LAKE ERIE BASIN OF OHIO

LAKE ERIE DRAINAGE AREA OF OHIO - 1986

** P2O5 ** FERTILIZER BY MONTH OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR BASIN FROM SURVEY ACRES AND RATES

	CORN ACRES	SOYBEAN ACRES	WHEAT ACRES	OATS ACRES	HAY ACRES	OTHER CROP ACRES	TOTAL CROP ACRES
**********	1,541,474.2	2,001,283.3	613,282.8	90,672.3	110,487.0	27,260.9	4,384,460.4

** MONTH APP **	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL CROP
ACRES CORN	3,158	0	13,355	534,579	1,022,481	36,309	3,007	4,237	28,010	52,840	47,045	3,061	1,748,082
LBS	142,105	0	726,330	32,978,652	63,263,442	1,368,339	69,024	189,000	1,561,287	2,851,102	3,040,322	73,469	106,263,073
LBS/ACRE	45	0	54	62	62	38	23	45	56	54	65	24	61
ACRE TRTD/AREA	0.0	0.0	0.0	0.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
LBS/ACRE AREA	0.1	0.0	0.5	21.4	41.0	0.9	0.0	0.1	1.0	1.8	2.0	0.0	68.9
ACRES SOYBEANS	5,357	1,282	6,462	27,096	482,714	91,058	897	0	2,436	17,573	14,115	1,410	650,400
LBS	246,429	58,974	225,833	1,383,830	18,487,926	3,627,240	32,308	0	194,872	800,953	665,218	39,487	25,763,069
LBS/ACRE	46	46	35	51	38	40	36	0	80	46	47	28	40
ACRE TRTD/AREA	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
LBS/ACRE AREA	0.1	0.0	0.1	0.7	9.2	1.8	0.0	0.0	0.1	0.4	0.3	0.0	12.9
ACRES WHEAT	1,847	1,383	29,472	16,401	9,292	392	0	0	104,819	404,163	6,754	0	574,522
LBS	51,274	61,645	1,236,957	696,313	484,112	16,092	0	0	6,634,097	23,596,303	533,130	0	33,309,922
LBS/ACRE	28	45	42	43	52	41	0	0	63	58	79	0	58
ACRE TRTD/AREA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.7	0.0	0.0	0.9
LBS/ACRE AREA	0.1	0.1	2.0	1.1	0.8	0.0	0.0	0.0	10.8	38.5	0.9	0.0	54.3
ACRES OATS	0	0	12,539	52,201	8,707	260	0	0	0	1,335	133	0	75,175
LBS	0	0	618,131	2,660,754	491,433	18,701	0	0	0	72,073	8,000	0	3,869,093
LBS/ACRE	0	0	49	51	56	72	0	0	0	54	60	0	52
ACRE TRTD/AREA	0.0	0.0	0.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
LBS/ACRE AREA	0.0	0.0	6.8	29.3	5.4	0.2	0.0	0.0	0.0	0.8	0.1	0.0	42.7
ACRES HAY	0	118	4,380	19,219	10,116	97,528	18,310	22,146	9,050	6,548	3,726	581	191,721
LBS	0	4,706	222,092	974,987	499,345	4,931,864	762,487	1,100,797	495,727	286,992	197,186	25,875	9,502,058
LBS/ACRE	0	40	51	51	49	51	42	50	55	44	53	45	50
ACRE TRTD/AREA	0.0	0.0	0.0	0.2	0.1	0.9	0.2	0.2	0.1	0.1	0.0	0.0	1.7
LBS/ACRE AREA	0.0	0.0	2.0	8.8	4.5	44.6	6.9	10.0	4.5	2.6	1.8	0.2	86.0
ACRES OTHER CP	0	0	2,276	7,896	5,786	233	88	84	40	1,214	0	0	17,617
LBS	0	0	138,995	724,485	423,283	11,612	505	412	2,723	109,954	0	0	1,411,968
LBS/ACRE	0	0	61	92	73	50	6	5	68	91	0	0	80
ACRE TRTD/AREA	0.0	0.0	0.1	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
LBS/ACRE AREA	0.0	0.0	5.1	26.6	15.5	0.4	0.0	0.0	0.1	4.0	0.0	0.0	51.8
ACRES CROPS	10,362	2,782	68,484	657,391	1,539,097	225,779	22,302	26,467	144,354	483,674	71,773	5,053	3,257,517
LBS	439,808	125,326	3,168,337	39,419,022	83,649,541	9,973,848	864,323	1,290,209	8,888,705	27,717,377	4,443,856	138,832	180,119,182
LBS/ACRE	42	45	46	60	54	44	39	49	62	57	62	28	55
ACRE TRTD/AREA	0.0	0.0	0.0	0.1	0.4	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.7
LBS/ACRE AREA	0.1	0.0	0.7	9.0	19.1	2.3	0.2	0.3	2.0	6.3	1.0	0.0	41.1

APPENDIX 9

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(TABLE 106) SUMMATION OF K2O FERTILIZER ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF MATERIAL BY MONTH OF APPLICATION USED IN THE LAKE ERIE BASIN OF OHIO - 1986

** K2O FERTILIZER BY MONTH OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR BASIN FROM SURVEY ACRES AND RATES

LAKE ERIE BASIN OF OHIO

	CORN FACTOR ACRES	CORN FACTOR USED	SOYBEAN FACTOR ACRES	SOYBEAN FACTOR USED	WHEAT FACTOR ACRES	WHEAT FACTOR USED	OATS FACTOR ACRES	OATS FACTOR USED	HAY FACTOR ACRES	HAY FACTOR USED	OTHER CROP FACTOR ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
**********	1,547,283.8	7.4	2,007,095.9	7.3	608,083.3	7.2	90,185.7	7.0	107,000.0	5.9	27,225.7	32.3	4,386,874.4

** MONTH APP **	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL CROP
ACRES CORN	20,270	11,838	22,189	550,568	936,608	32,405	770	7,865	30,338	118,446	126,973	7,162	1,865,432
LBS	4,475,676	1,806,487	2,386,703	46,357,328	62,136,038	1,719,676	24,054	536,109	3,418,041	15,540,089	16,790,649	1,110,811	156,301,658
LBS/ACRE	221	153	108	84	66	53	31	68	113	131	132	155	84
ACRE TRTD/STATE	0.0	0.0	0.0	0.4	0.6	0.0	0.0	0.0	0.0	0.1	0.1	0.0	1.2
LBS/ACRE STATE	2.9	1.2	1.5	30.0	40.2	1.1	0.0	0.3	2.2	10.0	10.9	0.7	101.0
ACRES SOYBEANS	26,027	1,370	22,548	96,890	568,890	95,233	959	0	7,493	32,452	60,822	6,781	919,466
LBS	2,682,192	82,192	2,586,096	11,726,055	38,485,173	5,494,510	34,521	0	962,795	3,023,329	6,451,699	715,343	72,243,902
LBS/ACRE	103	60	115	121	68	58	36	0	129	93	106	106	79
ACRE TRTD/STATE	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
LBS/ACRE STATE	1.3	0.0	1.3	5.8	19.2	2.7	0.0	0.0	0.5	1.5	3.2	0.4	36.0
ACRES WHEAT	1,069	1,653	28,042	16,042	8,917	403	0	0	105,986	406,819	6,000	0	574,931
LBS	33,542	89,889	1,375,292	665,698	477,736	16,861	0	0	7,575,229	28,024,672	372,458	0	38,631,377
LBS/ACRE	31	54	49	42	54	42	0	0	72	69	62	0	67
ACRE TRTD/STATE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.7	0.0	0.0	0.9
LBS/ACRE STATE	0.1	0.1	2.3	1.1	0.8	0.0	0.0	0.0	12.5	46.1	0.6	0.0	63.5
ACRES OATS	0	0	12,629	51,714	9,271	286	0	0	0	914	257	0	75,071
LBS	0	0	631,429	2,705,514	532,607	20,571	0	0	0	51,243	28,714	0	3,970,079
LBS/ACRE	0	0	50	52	57	72	0	0	0	56	112	0	53
ACRE TRTD/STATE	0.0	0.0	0.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
LBS/ACRE STATE	0.0	0.0	7.0	30.0	5.9	0.2	0.0	0.0	0.0	0.6	0.3	0.0	44.0
ACRES HAY	0	136	4,492	23,186	12,305	121,203	25,203	26,373	12,119	9,254	3,559	559	238,390
LBS	0	5,424	295,186	2,010,661	1,392,119	14,233,729	2,668,092	2,491,424	1,502,085	1,195,119	520,136	55,424	26,369,397
LBS/ACRE	0	40	66	87	113	117	106	95	124	129	146	99	111
ACRE TRTD/STATE	0.0	0.0	0.0	0.2	0.1	1.1	0.2	0.2	0.1	0.1	0.0	0.0	2.2
LBS/ACRE STATE	0.0	0.1	2.8	18.8	13.0	133.0	24.9	23.3	14.0	11.2	4.9	0.5	246.4
ACRES OTHER CP	0	6	3,742	6,389	4,485	521	93	90	169	2,198	1,393	0	19,085
LBS	0	155	531,786	1,227,154	375,043	26,567	1,149	1,062	7,439	489,851	282,353	0	2,942,559
LBS/ACRE	0	25	142	192	84	51	12	12	44	223	203	0	154
ACRE TRTD/STATE	0.0	0.0	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.7
LBS/ACRE STATE	0.0	0.0	19.5	45.1	13.8	1.0	0.0	0.0	0.3	18.0	10.4	0.0	108.1
ACRES CROPS	47,367	15,002	93,640	744,790	1,540,476	250,051	27,025	34,328	156,105	570,084	199,005	14,502	3,692,375
LBS	7,191,409	1,984,146	7,806,492	64,692,410	103,398,716	21,511,913	2,727,815	3,028,595	13,465,588	48,324,303	24,446,008	1,881,577	300,458,970
LBS/ACRE	152	132	83	87	67	86	101	88	86	85	123	130	81
ACRE TRTD/STATE	0.0	0.0	0.0	0.2	0.4	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.8
LBS/ACRE STATE	1.6	0.5	1.8	14.7	23.6	4.9	0.6	0.7	3.1	11.0	5.6	0.4	68.5

(TABLE 107) K2O FERTILIZER ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF MATERIAL BY THE MONTH OF APPLICATION IN THE NORTH WEST DISTRICT - 1986

** K2O FERTILIZER BY MONTH OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR DISTRICT FROM SURVEY ACRES AND RATES

DISTRICT NAME	DIST	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
		ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
NORTH WEST	10	666,513.2	7.6	944,128.2	7.8	301,076.9	7.8	25,833.3	6.0	31,000.0	5.0	11,429.4	30.3	1,979,981.0
**********														

** MONTH APP **	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL CROP
ACRES CORN	3,158	3,947	6,237	206,658	394,158	5,342	368	7,658	23,053	98,816	66,790	0	816,184
LBS	378,947	710,526	607,368	16,634,169	25,265,737	301,816	3,684	522,001	2,540,645	12,660,395	8,124,105	0	67,749,393
LBS/ACRE	120	180	97	81	64	57	10	68	110	128	122	0	83
ACRE TRTD/DIST	0.0	0.0	0.0	0.3	0.6	0.0	0.0	0.0	0.0	0.1	0.1	0.0	1.2
LBS/ACRE DIST	0.6	1.1	0.9	25.0	37.9	0.5	0.0	0.8	3.8	19.0	12.2	0.0	101.6
ACRES SOYBEANS	2,564	1,282	6,051	26,833	240,603	29,936	897	0	2,564	16,897	39,256	0	366,885
LBS	125,641	76,923	726,154	3,948,846	15,822,657	1,610,639	32,308	0	311,539	1,671,231	4,031,590	0	28,357,527
LBS/ACRE	49	60	120	147	66	54	36	0	122	99	103	0	77
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
LBS/ACRE DIST	0.1	0.1	0.8	4.2	16.8	1.7	0.0	0.0	0.3	1.8	4.3	0.0	30.0
ACRES WHEAT	0	244	8,936	5,244	2,141	128	0	0	51,474	208,128	2,769	0	279,064
LBS	0	9,256	494,590	255,959	210,013	9,231	0	0	3,667,487	14,680,775	160,064	0	19,487,374
LBS/ACRE	0	38	55	49	98	72	0	0	71	71	58	0	70
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.7	0.0	0.0	0.9
LBS/ACRE DIST	0.0	0.0	1.6	0.9	0.7	0.0	0.0	0.0	12.2	48.8	0.5	0.0	64.7
ACRES OATS	0	0	3,667	15,517	850	0	0	0	0	0	300	0	20,333
LBS	0	0	183,983	700,418	41,000	0	0	0	0	0	33,500	0	958,902
LBS/ACRE	0	0	50	45	48	0	0	0	0	0	112	0	47
ACRE TRTD/DIST	0.0	0.0	0.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
LBS/ACRE DIST	0.0	0.0	7.1	27.1	1.6	0.0	0.0	0.0	0.0	0.0	1.3	0.0	37.1
ACRES HAY	0	0	100	2,900	1,300	21,840	3,460	3,000	1,900	1,760	760	300	37,320
LBS	0	0	2,200	245,500	200,640	2,822,860	113,128	143,360	58,600	206,980	142,880	60,000	3,996,148
LBS/ACRE	0	0	22	85	154	129	33	48	31	118	188	200	107
ACRE TRTD/DIST	0.0	0.0	0.0	0.1	0.0	0.7	0.1	0.1	0.1	0.1	0.0	0.0	1.2
LBS/ACRE DIST	0.0	0.0	0.1	7.9	6.5	91.1	3.6	4.6	1.9	6.7	4.6	1.9	128.9
ACRES OTHER CP	0	0	970	1,290	2,092	48	79	76	0	1,772	1,485	0	7,814
LBS	0	0	60,931	82,160	124,508	5,782	168	76	0	436,040	300,990	0	1,010,655
LBS/ACRE	0	0	63	64	60	120	2	1	0	246	203	0	129
ACRE TRTD/DIST	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.7
LBS/ACRE DIST	0.0	0.0	5.3	7.2	10.9	0.5	0.0	0.0	0.0	38.2	26.3	0.0	88.4
ACRES CROPS	5,722	5,473	25,961	258,442	641,144	57,294	4,805	10,734	78,991	327,374	111,360	300	1,527,600
LBS	504,588	796,706	2,075,226	21,867,052	41,664,555	4,750,327	149,288	665,437	6,578,270	29,655,420	12,793,129	60,000	121,559,999
LBS/ACRE	88	146	80	85	65	83	31	62	83	91	115	200	80
ACRE TRTD/DIST	0.0	0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.8
LBS/ACRE DIST	0.3	0.4	1.0	11.0	21.0	2.4	0.1	0.3	3.3	15.0	6.5	0.0	61.4

(TABLE 108) K2O FERTILIZER ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF MATERIAL BY THE MONTH OF APPLICATION IN THE NORTH CENTRAL DISTRICT - 1986

** K2O FERTILIZER BY MONTH OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR DISTRICT FROM SURVEY ACRES AND RATES

DISTRICT NAME	DIST	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
NORTH CENTRAL	20	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********		490,404.8	8.4	650,897.4	7.8	177,583.3	7.2	28,128.2	7.8	37,827.6	5.8	15,831.5	23.8	1,400,672.8

** MONTH APP **	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL CROP
ACRES CORN	15,000	6,857	9,321	223,191	260,286	8,810	202	0	4,274	10,643	40,452	4,524	583,560
LBS	3,600,000	948,571	1,072,691	20,853,707	18,694,960	340,226	12,143	0	521,024	1,644,131	5,931,119	764,286	54,382,857
LBS/ACRE	240	138	115	93	72	39	60	0	122	155	147	169	93
ACRE TRTD/DIST	0.0	0.0	0.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.1	0.0	1.2
LBS/ACRE DIST	7.3	1.9	2.2	42.5	38.1	0.7	0.0	0.0	1.1	3.4	12.1	1.6	110.9
ACRES SOYBEANS	17,949	0	15,051	52,628	195,244	41,090	0	0	2,436	9,013	15,744	1,410	350,564
LBS	2,153,846	0	1,694,167	6,022,333	13,628,620	2,496,800	0	0	404,359	828,103	1,889,231	118,462	29,235,920
LBS/ACRE	120	0	113	114	70	61	0	0	166	92	120	84	83
ACRE TRTD/DIST	0.0	0.0	0.0	0.1	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.5
LBS/ACRE DIST	3.3	0.0	2.6	9.3	20.9	3.8	0.0	0.0	0.6	1.3	2.9	0.2	44.9
ACRES WHEAT	0	1,139	13,153	6,264	3,444	264	0	0	33,389	117,653	2,167	0	177,472
LBS	0	73,611	669,417	167,424	136,139	6,861	0	0	2,569,875	8,071,069	134,056	0	11,828,451
LBS/ACRE	0	65	51	27	40	26	0	0	77	69	62	0	67
ACRE TRTD/DIST	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.7	0.0	0.0	1.0
LBS/ACRE DIST	0.0	0.4	3.8	0.9	0.8	0.0	0.0	0.0	14.5	45.4	0.8	0.0	66.6
ACRES OATS	0	0	3,654	15,821	846	0	0	0	0	423	0	0	20,744
LBS	0	0	180,397	898,365	43,282	0	0	0	0	23,333	0	0	1,145,378
LBS/ACRE	0	0	49	57	51	0	0	0	0	55	0	0	55
ACRE TRTD/DIST	0.0	0.0	0.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
LBS/ACRE DIST	0.0	0.0	6.4	31.9	1.5	0.0	0.0	0.0	0.0	0.8	0.0	0.0	40.7
ACRES HAY	0	0	3,845	6,172	2,552	39,535	6,983	11,276	5,017	4,431	2,966	0	82,776
LBS	0	0	214,793	479,103	249,310	4,910,259	780,276	1,114,931	536,500	675,103	405,931	0	9,366,207
LBS/ACRE	0	0	56	78	98	124	112	99	107	152	137	0	113
ACRE TRTD/DIST	0.0	0.0	0.1	0.2	0.1	1.0	0.2	0.3	0.1	0.1	0.1	0.0	2.2
LBS/ACRE DIST	0.0	0.0	5.7	12.7	6.6	129.8	20.6	29.5	14.2	17.8	10.7	0.0	247.6
ACRES OTHER CP	0	0	3,838	5,481	2,356	185	8	8	40	135	0	0	12,051
LBS	0	0	643,950	1,335,787	279,147	11,307	672	672	2,723	12,319	0	0	2,286,577
LBS/ACRE	0	0	168	244	119	61	80	80	68	92	0	0	190
ACRE TRTD/DIST	0.0	0.0	0.2	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
LBS/ACRE DIST	0.0	0.0	40.7	84.4	17.6	0.7	0.0	0.0	0.2	0.8	0.0	0.0	144.4
ACRES CROPS	32,949	7,996	48,862	309,556	464,728	89,883	7,194	11,284	45,156	142,297	61,328	5,934	1,227,167
LBS	5,753,846	1,022,183	4,475,414	29,756,720	33,031,458	7,765,453	793,091	1,115,603	4,034,481	11,254,059	8,360,336	882,747	108,245,391
LBS/ACRE	175	128	92	96	71	86	110	99	89	79	136	149	88
ACRE TRTD/DIST	0.0	0.0	0.0	0.2	0.3	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.9
LBS/ACRE DIST	4.1	0.7	3.2	21.2	23.6	5.5	0.6	0.8	2.9	8.0	6.0	0.6	77.3

(TABLE 109) K2O FERTILIZER ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF MATERIAL BY THE MONTH OF APPLICATION IN THE NORTH EAST DISTRICT - 1986

** K2O FERTILIZER BY MONTH OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR DISTRICT FROM SURVEY ACRES AND RATES

DISTRICT NAME	DIST	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
NORTH EAST	30	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********		109,948.7	7.8	58,750.0	5.6	20,937.5	6.4	21,324.7	7.7	25,656.3	6.4	0.0	0.0	236,617.1

** MONTH APP **	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL CROP
ACRES CORN	0	0	0	17,256	99,013	11,936	154	0	0	0	0	0	128,359
LBS	0	0	0	1,724,218	7,450,091	639,705	6,154	0	0	0	0	0	9,820,168
LBS/ACRE	0	0	0	100	75	54	40	0	0	0	0	0	77
ACRE TRTD/DIST	0.0	0.0	0.0	0.2	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.2
LBS/ACRE DIST	0.0	0.0	0.0	15.7	67.8	5.8	0.1	0.0	0.0	0.0	0.0	0.0	89.3
ACRES SOYBEANS	0	0	0	893	31,196	12,768	0	0	0	89	0	0	44,946
LBS	0	0	0	71,429	2,693,143	809,375	0	0	0	4,286	0	0	3,578,232
LBS/ACRE	0	0	0	80	86	63	0	0	0	48	0	0	80
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.8
LBS/ACRE DIST	0.0	0.0	0.0	1.2	45.8	13.8	0.0	0.0	0.0	0.1	0.0	0.0	60.9
ACRES WHEAT	0	0	0	1,594	297	0	0	0	6,219	11,672	0	0	19,781
LBS	0	0	0	143,000	15,688	0	0	0	390,891	675,266	0	0	1,224,844
LBS/ACRE	0	0	0	90	53	0	0	0	63	58	0	0	62
ACRE TRTD/DIST	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.3	0.6	0.0	0.0	0.9
LBS/ACRE DIST	0.0	0.0	0.0	6.8	0.7	0.0	0.0	0.0	18.7	32.3	0.0	0.0	58.5
ACRES OATS	0	0	1,416	13,000	5,701	260	0	0	0	0	0	0	20,377
LBS	0	0	79,558	710,836	336,812	18,701	0	0	0	0	0	0	1,145,908
LBS/ACRE	0	0	56	55	59	72	0	0	0	0	0	0	56
ACRE TRTD/DIST	0.0	0.0	0.1	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
LBS/ACRE DIST	0.0	0.0	3.7	33.3	15.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	53.7
ACRES HAY	0	0	500	7,609	2,422	34,469	11,000	10,578	47	938	0	281	67,844
LBS	0	0	72,000	473,969	358,797	3,331,125	1,365,078	1,033,750	1,125	75,688	0	4,219	6,715,750
LBS/ACRE	0	0	144	62	148	97	124	98	24	81	0	15	99
ACRE TRTD/DIST	0.0	0.0	0.0	0.3	0.1	1.3	0.4	0.4	0.0	0.0	0.0	0.0	2.6
LBS/ACRE DIST	0.0	0.0	2.8	18.5	14.0	129.8	53.2	40.3	0.0	3.0	0.0	0.2	261.8
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	0	0	1,916	40,352	138,629	59,432	11,154	10,578	6,266	12,699	0	281	281,307
LBS	0	0	151,558	3,123,452	10,854,530	4,798,906	1,371,232	1,033,750	392,016	755,239	0	4,219	22,484,901
LBS/ACRE	0	0	79	77	78	81	123	98	63	60	0	15	80
ACRE TRTD/DIST	0.0	0.0	0.0	0.2	0.6	0.3	0.0	0.0	0.0	0.1	0.0	0.0	1.2
LBS/ACRE DIST	0.0	0.0	0.6	13.2	45.9	20.3	5.8	4.4	1.7	3.2	0.0	0.0	95.0

(TABLE 110) K2O FERTILIZER ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF MATERIAL BY THE MONTH OF APPLICATION IN THE WEST CENTRAL DISTRICT - 1986

** K2O FERTILIZER BY MONTH OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR DISTRICT FROM SURVEY ACRES AND RATES

DISTRICT NAME	DIST	CORN FACTOR		SOYBEAN FACTOR		WHEAT FACTOR		OATS FACTOR		HAY FACTOR		OTHER CROP FACTOR		TOTAL CROP
WEST CENTRAL	40	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES	USED	ACRES
**********		206,076.9	5.2	255,446.4	5.6	86,442.6	6.1	10,915.5	7.1	11,397.1	6.8	0.0	0.0	570,278.5

** MONTH APP **	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL CROP
ACRES CORN	0	0	7,404	55,442	145,327	6,173	0	0	2,577	6,942	17,731	0	241,596
LBS	0	0	775,962	3,698,423	8,612,175	496,962	0	0	309,231	955,185	2,439,654	0	17,287,590
LBS/ACRE	0	0	105	67	59	81	0	0	120	138	138	0	72
ACRE TRTD/DIST	0.0	0.0	0.0	0.3	0.7	0.0	0.0	0.0	0.0	0.0	0.1	0.0	1.2
LBS/ACRE DIST	0.0	0.0	3.8	17.9	41.8	2.4	0.0	0.0	1.5	4.6	11.8	0.0	83.9
ACRES SOYBEANS	5,357	0	0	2,857	93,714	11,375	0	0	2,804	6,125	2,679	5,000	129,911
LBS	321,429	0	0	257,143	5,602,393	599,893	0	0	257,929	455,625	163,393	535,000	8,192,803
LBS/ACRE	60	0	0	90	60	53	0	0	92	74	61	107	63
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
LBS/ACRE DIST	1.3	0.0	0.0	1.0	21.9	2.3	0.0	0.0	1.0	1.8	0.6	2.1	32.1
ACRES WHEAT	574	295	4,262	3,049	3,410	0	0	0	11,295	57,918	0	0	80,803
LBS	25,820	7,377	140,492	109,771	118,197	0	0	0	680,730	3,724,230	0	0	4,806,615
LBS/ACRE	45	25	33	36	35	0	0	0	60	64	0	0	60
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	0.0	0.0	0.9
LBS/ACRE DIST	0.3	0.1	1.6	1.3	1.4	0.0	0.0	0.0	7.9	43.1	0.0	0.0	55.6
ACRES OATS	0	0	3,803	5,197	1,310	0	0	0	0	0	0	0	10,310
LBS	0	0	182,592	240,507	77,634	0	0	0	0	0	0	0	500,732
LBS/ACRE	0	0	48	46	59	0	0	0	0	0	0	0	49
ACRE TRTD/DIST	0.0	0.0	0.3	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
LBS/ACRE DIST	0.0	0.0	16.7	22.0	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.9
ACRES HAY	0	118	74	5,559	5,265	22,809	2,647	1,103	4,794	2,074	0	0	44,441
LBS	0	4,706	3,529	709,294	510,000	2,939,765	215,294	132,353	801,529	237,691	0	0	5,554,162
LBS/ACRE	0	40	48	128	97	129	81	120	167	115	0	0	125
ACRE TRTD/DIST	0.0	0.0	0.0	0.5	0.5	2.0	0.2	0.1	0.4	0.2	0.0	0.0	3.9
LBS/ACRE DIST	0.0	0.4	0.3	62.2	44.7	257.9	18.9	11.6	70.3	20.9	0.0	0.0	487.3
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	5,931	413	15,543	72,105	249,026	40,357	2,647	1,103	21,470	73,059	20,409	5,000	507,061
LBS	347,248	12,083	1,102,574	5,015,138	14,920,398	4,036,619	215,294	132,353	2,049,418	5,372,730	2,603,047	535,000	36,341,902
LBS/ACRE	59	29	71	70	60	100	81	120	96	74	128	107	72
ACRE TRTD/DIST	0.0	0.0	0.0	0.1	0.4	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.9
LBS/ACRE DIST	0.6	0.0	1.9	8.8	26.2	7.1	0.4	0.2	3.6	9.4	4.6	0.9	63.7

(TABLE 111) K2O FERTILIZER ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF MATERIAL BY THE MONTH OF APPLICATION IN THE CENTRAL DISTRICT - 1986

** K2O FERTILIZER BY MONTH OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR DISTRICT FROM SURVEY ACRES AND RATES

DISTRICT NAME	DIST	CORN ACRES	CORN FACTOR USED	SOYBEAN ACRES	SOYBEAN FACTOR USED	WHEAT ACRES	WHEAT FACTOR USED	OATS ACRES	OATS FACTOR USED	HAY ACRES	HAY FACTOR USED	OTHER CROP ACRES	OTHER CROP FACTOR USED	TOTAL CROP ACRES
CENTRAL	50	68,530.6	4.9	92,061.2	4.9	27,242.4	3.3	4,470.6	3.4	4,606.1	3.3	0.0	0.0	196,910.9
**********														

** MONTH APP **	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL CROP
ACRES CORN	0	0	0	42,020	45,082	0	0	0	0	0	0	3,061	90,163
LBS	0	0	0	1,790,347	1,603,143	0	0	0	0	0	0	367,347	3,760,837
LBS/ACRE	0	0	0	43	36	0	0	0	0	0	0	120	42
ACRE TRTD/DIST	0.0	0.0	0.0	0.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
LBS/ACRE DIST	0.0	0.0	0.0	26.1	23.4	0.0	0.0	0.0	0.0	0.0	0.0	5.4	54.9
ACRES SOYBEANS	0	0	0	13,571	10,980	1,225	0	0	0	0	0	2,143	27,918
LBS	0	0	0	1,221,429	972,816	36,735	0	0	0	0	0	265,714	2,496,694
LBS/ACRE	0	0	0	90	89	30	0	0	0	0	0	124	89
ACRE TRTD/DIST	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
LBS/ACRE DIST	0.0	0.0	0.0	13.3	10.6	0.4	0.0	0.0	0.0	0.0	0.0	2.9	27.1
ACRES WHEAT	1,273	0	3,485	212	0	0	0	0	3,788	9,273	1,818	0	19,849
LBS	25,455	0	111,364	1,909	0	0	0	0	235,758	641,333	141,818	0	1,157,636
LBS/ACRE	20	0	32	9	0	0	0	0	62	69	78	0	58
ACRE TRTD/DIST	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.1	0.0	0.7
LBS/ACRE DIST	0.9	0.0	4.1	0.1	0.0	0.0	0.0	0.0	8.7	23.5	5.2	0.0	42.5
ACRES OATS	0	0	0	2,500	0	0	0	0	0	912	0	0	3,412
LBS	0	0	0	161,118	0	0	0	0	0	51,971	0	0	213,088
LBS/ACRE	0	0	0	64	0	0	0	0	0	57	0	0	63
ACRE TRTD/DIST	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.8
LBS/ACRE DIST	0.0	0.0	0.0	36.0	0.0	0.0	0.0	0.0	0.0	11.6	0.0	0.0	47.7
ACRES HAY	0	0	0	0	0	273	758	0	0	0	0	0	1,030
LBS	0	0	0	0	0	22,909	136,364	0	0	0	0	0	159,273
LBS/ACRE	0	0	0	0	0	84	180	0	0	0	0	0	155
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.2
LBS/ACRE DIST	0.0	0.0	0.0	0.0	0.0	5.0	29.6	0.0	0.0	0.0	0.0	0.0	34.6
ACRES OTHER CP	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS/ACRE	0	0	0	0	0	0	0	0	0	0	0	0	0
ACRE TRTD/DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LBS/ACRE DIST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACRES CROPS	1,273	0	3,485	58,304	56,061	1,497	758	0	3,788	10,185	1,818	5,204	142,372
LBS	25,455	0	111,364	3,174,802	2,575,959	59,644	136,364	0	235,758	693,304	141,818	633,061	7,787,528
LBS/ACRE	20	0	32	55	46	40	180	0	62	68	78	122	55
ACRE TRTD/DIST	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.7
LBS/ACRE DIST	0.1	0.0	0.6	16.1	13.1	0.3	0.7	0.0	1.2	3.5	0.7	3.2	39.5

(TABLE 112) SUMMATION OF DISTRICT TOTALS FOR K2O FERTILIZER ACRE TREATMENTS OF MAJOR CROPS AND POUNDS OF MATERIAL BY MONTH OF APPLICATION IN THE LAKE ERIE BASIN OF OHIO

LAKE ERIE DRAINAGE AREA OF OHIO - 1986

** K2O FERTILIZER BY MONTH OF APPLICATION ** ACREAGE AND POUNDS CALCULATED FOR DISTRICT FROM SURVEY ACRES AND RATES

	CORN ACRES	SOYBEAN ACRES	WHEAT ACRES	OATS ACRES	HAY ACRES	OTHER CROP ACRES	TOTAL CROP ACRES
**********	1,541,474.2	2,001,283.3	613,282.8	90,672.3	110,487.0	27,260.9	4,384,460.4

** MONTH APP **	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL CROP
ACRES CORN	18,158	10,805	22,962	544,568	943,865	32,261	725	7,658	29,903	116,401	124,973	7,585	1,859,862
LBS	3,978,947	1,659,098	2,456,020	44,700,864	61,626,105	1,778,709	21,981	522,001	3,370,899	15,259,710	16,494,878	1,131,633	153,000,845
LBS/ACRE	219	154	107	82	65	55	30	68	113	131	132	149	82
ACRE TRTD/AREA	0.0	0.0	0.0	0.4	0.6	0.0	0.0	0.0	0.0	0.1	0.1	0.0	1.2
LBS/ACRE AREA	2.6	1.1	1.6	29.0	40.0	1.2	0.0	0.3	2.2	9.9	10.7	0.7	99.3
ACRES SOYBEANS	25,870	1,282	21,103	96,783	571,737	96,393	897	0	7,804	32,125	57,679	8,553	920,224
LBS	2,600,916	76,923	2,420,321	11,521,179	38,719,629	5,553,441	32,308	0	973,826	2,959,244	6,084,213	919,176	71,861,176
LBS/ACRE	101	60	115	119	68	58	36	0	125	92	106	108	78
ACRE TRTD/AREA	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
LBS/ACRE AREA	1.3	0.0	1.2	5.8	19.3	2.8	0.0	0.0	0.5	1.5	3.0	0.5	35.9
ACRES WHEAT	1,847	1,678	29,836	16,363	9,292	392	0	0	106,165	404,644	6,754	0	576,969
LBS	51,274	90,245	1,415,862	678,062	480,036	16,092	0	0	7,544,740	27,792,672	435,938	0	38,504,920
LBS/ACRE	28	54	48	41	52	41	0	0	71	69	65	0	67
ACRE TRTD/AREA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.7	0.0	0.0	0.9
LBS/ACRE AREA	0.1	0.1	2.3	1.1	0.8	0.0	0.0	0.0	12.3	45.3	0.7	0.0	62.8
ACRES OATS	0	0	12,539	52,034	8,707	260	0	0	0	1,335	300	0	75,175
LBS	0	0	626,531	2,711,245	498,728	18,701	0	0	0	75,304	33,500	0	3,964,008
LBS/ACRE	0	0	50	52	57	72	0	0	0	56	112	0	53
ACRE TRTD/AREA	0.0	0.0	0.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
LBS/ACRE AREA	0.0	0.0	6.9	29.9	5.5	0.2	0.0	0.0	0.0	0.8	0.4	0.0	43.7
ACRES HAY	0	118	4,518	22,241	11,538	118,925	24,847	25,957	11,758	9,202	3,726	581	233,411
LBS	0	4,706	292,523	1,907,866	1,318,747	14,026,917	2,610,140	2,424,394	1,397,754	1,195,462	548,811	64,219	25,791,539
LBS/ACRE	0	40	65	86	114	118	105	93	119	130	147	111	111
ACRE TRTD/AREA	0.0	0.0	0.0	0.2	0.1	1.1	0.2	0.2	0.1	0.1	0.0	0.0	2.1
LBS/ACRE AREA	0.0	0.0	2.6	17.3	11.9	127.0	23.6	21.9	12.7	10.8	5.0	0.6	233.4
ACRES OTHER CP	0	0	4,809	6,771	4,449	233	88	84	40	1,907	1,485	0	19,865
LBS	0	0	704,880	1,417,948	403,655	17,089	841	748	2,723	448,359	300,990	0	3,297,233
LBS/ACRE	0	0	147	209	91	73	10	9	68	235	203	0	166
ACRE TRTD/AREA	0.0	0.0	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.7
LBS/ACRE AREA	0.0	0.0	25.9	52.0	14.8	0.6	0.0	0.0	0.1	16.4	11.0	0.0	121.0
ACRES CROPS	45,874	13,882	95,766	738,759	1,549,588	248,463	26,557	33,699	155,670	565,613	194,916	16,719	3,685,507
LBS	6,631,137	1,830,971	7,916,136	62,937,164	103,046,900	21,410,949	2,665,269	2,947,143	13,289,942	47,730,752	23,898,330	2,115,027	296,419,721
LBS/ACRE	145	132	83	85	67	86	100	88	85	84	123	127	80
ACRE TRTD/AREA	0.0	0.0	0.0	0.2	0.4	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.8
LBS/ACRE AREA	1.5	0.4	1.8	14.4	23.5	4.9	0.6	0.7	3.0	10.9	5.5	0.5	67.6

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